MEMOIRS

OF

THE NEW YORK BOTANICAL GARDEN

VOLUME 19, NUMBER 2

Cryptogamae Exsiccatae—An Annotated Bibliography of Published Exsiccatae of Algae, Lichenes, Hepaticae, and Musci

GENEVA SAYRE

IV. Bryophyta 175

LIBRARY

JUL 6 1971

YORK
TANICAL GARDEN

Issued 22 June 1971

MEMOIRS OF THE NEW YORK BOTANICAL GARDEN

EDITORIAL BOARD

CLARK T. ROGERSON, *Editor*
The New York Botanical Garden
Bronx, New York 10458

WILLIAM C. STEERE, President
The New York Botanical Garden

BASSETT MAGUIRE, Director of Botany
The New York Botanical Garden

HAROLD W. RICKETT, Senior Curator
The New York Botanical Garden

RICHARD M. KLEIN, Professor
University of Vermont

ROGERS MCVAUGH, Curator
University of Michigan

PETER H. RAVEN, Associate Professor
Stanford University

SHERWIN CARLQUIST
Rancho Santa Ana Botanic Garden

The MEMOIRS are published at irregular intervals in issues and volumes of various sizes and are designed to include results of original botanical research by members of the Garden's staff, or by botanists who have collaborated in one or more of the Garden's research programs. Ordinarily only manuscripts of fifty or more typewritten pages will be considered for publication.

Manuscripts should be submitted to the Editor. For further information regarding editorial policy and instructions for the preparation of manuscripts, address the Editor.

Prior to publication, standing orders for forthcoming issues and volumes should be placed with:

Publications Office
The New York Botanical Garden
Bronx, N. Y. 10458

After publication orders should be sent to our agent for back issues, volumes, and reprints:

STECHERT-HAFNER SERVICE AGENCY, INC.
866 Third Avenue
New York, N. Y. 10022

Authors of papers may obtain reprints at cost, if ordered at the same time the issue is printed.

(continued on inside back cover)

JUNE 1971 MEMOIRS OF THE NEW YORK BOTANICAL GARDEN 19(2): 175–276

CRYPTOGAMAE EXSICCATAE
AN ANNOTATED BIBLIOGRAPHY OF PUBLISHED EXSICCATAE OF ALGAE, LICHENES, HEPATICAE, AND MUSCI

IV. BRYOPHYTA

GENEVA SAYRE

Russell Sage College
Troy, New York

INTRODUCTORY NOTE

In the section on Bryophyta I have added the letter c to the initials of some of the institutions where the exsiccata under consideration is known to be complete. The lack of the letter does not necessarily mean that the institution's set is incomplete; I did not have time to make a complete inventory at each institution I visited. The presence of the letter does not necessarily mean that the set is intact, that is, undistributed, since in the case of three herbaria, BM, FH, and NY, I have used the c if I have seen accession records of the full set, or title pages or accompanying schedae.

I am grateful to the following persons, in addition to those acknowledged in the first part of this work, for information and assistance: Dr. Kjeld Holmen of Copenhagen; Dr. Pekka Isoviita of Helsinki; Dr. Wilfred Schofield of Vancouver; Dr. Gary Smith of New York.

Much of the research for this section was done during my tenure of a grant from the National Science Foundation GB-1422 to Russell Sage College; publication was supported by National Science Foundation Grant GN-671 to the New York Botanical Garden.

IV. BRYOPHYTA

Allen, John A. (1863–1916).

MOSSES OF THE CASCADE MOUNTAINS, WASHINGTON. COLLECTED BY J. A. ALLEN. Numbers 1–147. Cambridge, Massachusetts (Cambridge Botanical Supply Company), 1900.

M

DATE OF PUBLICATION: 1 Mai 1900, according to the announcement on the back cover of Bryologist **3**(3). Jul 1900. Accessioned at FH Jul 1902. Herbarium offered it for sale first in 1908, and Bot. Jahresb. **36:** 68. 1908 announced it as of that year. Sets were still being offered for sale in Bryologist in 1915, 1919, and 1937.

INDEX: An alphabetical list, without numbers, was in Bryologist **22:** 85–86. 1919.

LABELS: Printed, with title, number, name and authority, collecting data including field number. 1 *Sphagnum turfaceum* Warnst. FHc, NY

REMARKS: The price was $10.

The collections were made by J. A. Allen and his father Oscar Dana Allen (1836–1913). The elder Allen had retired in 1889 from the professorship of chemistry at Yale for reasons of health, and both Allens collected for many years in the western United States, for, among others, the Gray Herbarium at Harvard (Bryologist **17:** 30. 1914). Their own herbaria are now at NY.

Allorge, Valentine Sélitsky (1888–x), and Pierre Allorge (1891–1944).

BRYOPHYTA AZORICA. MOUSSES ET HÉPATIQUES RÉCOLTÉES EN 1937 AUX ÎLES AÇORES, PAR. V. ET P. ALLORGE. Numbers 1–133. Paris (Laboratoire de Cryptogamie, Muséum National d'Histoire Naturelle), 1942.

H, M

DATE OF PUBLICATION: From title page.

INDEX: A numbered list is included. Listed without numbers in Rev. Bryol. Lichénol. **15:** 116. 1945.

REFERENCES: Allorge, V. et P. Végétation bryologique de l'île de Flores, Açores. Rev. Bryol. Lichénol. **17:** 126–164. 1948.

Allorge, V. et P. Hépatiques récoltées par P. et V. Allorge aux îles Açores en 1937. Rev. Bryol. Lichénol. **19:** 90–113. 1950.

Allorge, V. et P. Mousses récoltées par P. et V. Allorge aux îles Açores en 1937. Rev. Bryol. Lichénol. **21:** 50–95. 1952.

LABELS: Title printed, data typewritten; number, name, authority, collecting data. New taxa not described. 64 *Trematodon Perssonorum* sp nov (described in Rev. Bryol. Lichénol. **20:** 179. 1951).

REMARKS: A loose-leaf 4° portfolio with printed title page and list.

Mme Allorge tells me that although there is much material still on hand, very few sets were made up.

Allorge, Valentine Sélitsky (1888–x), and Pierre Allorge (1891–1944).

BRYOTHECA IBERICA. MUSCINÉES DE L'ESPAGNE ET DU PORTUGAL RÉCOLTÉES PAR V. ET P. ALLORGE. Séries I–V, numbers 1–250. Paris, 1928–1938.

H, M

DATES OF PUBLICATION: From title pages.

Series	Numbers	Date	Provenance	Rev. Bryol. Lichénol.	Accessioned FH
1	1–50	May 1928	Spain	**1:** 169. 1928	
2	51–100	Jan 1929	Spain	**2:** 114. 1929	
3	101–150	Dec 1931	Portugal	**4:** 214. 1931	5 Jul 1932
4	151–200	Dec 1935	Portugal	**10:** 116. 1937	18 Jan 1936
5	201–250	Jun 1937	Spain	**15:** 115. 1945	27 Sep 1938

(The printed date on Ser. 5 is Dec 1937; it has been changed in ink.)

INDEX: Lists in Rev. Bryol. Lichénol. Series 1 listed in Archives Bot. Caen Bull. Mens. **2:** 116. Jun 1928, and Series 2 in **3:** 134–135. Jun 1929.

REFERENCES: Both V. and P. Allorge have published extensively on the moss flora of this region in articles in Rev. Bryol. Lichénol. from 1948 to the present.

LABELS: Printed, with number, name, authority, synonyms, references, ecology, distribution, collecting data. 17 *Sphagnum Pylaiae* var *ramosum* forma *heteroclada* Nav., described in French; 54 *Riella helicophylla* var *macrocarpa*, described in Latin. FHc, G, PCc

REMARKS: Handsomely bound 4° portfolios.

Listed on the title page as determiners are Amann, Casares-Gil, Dismier, Loeske, Luisier, Navaud, P. Varde, P. Allorge, and, from Series 3, Meylan.

Austin, Coe Finch (1831–1880).

HEPATICAE BOREALI-AMERICANAE EXSICCATAE; OR SPECIMENS OF NORTH AMERICAN LIVERWORTS. ARRANGED BY COE FINCH AUSTIN. Numbers 1–150. Closter, New Jersey, 1873.

H

DATE OF PUBLICATION: From accompanying index. After Oct, since a notice in Bull. Torrey Club **4:** 48. Oct 1873 says the printing is then taking place.

INDEX: An 8vo pamphlet with numbers and names.

REFERENCES: Austin described several new species of this set in Bull. Torrey Club **6:** 17–21. Mar 1875.

Austin. Notes and criticisms on Hepaticae Americanae Exsiccatae. Bull. Torrey Club **6:** 85. Apr 1876. Revises identification and synonymy of 11 numbers.

LABELS: Printed on blue paper, with number, name, authority, some synonymy, habitat. Some, as 19 *Scapania Bolanderi* Aust., have Latin descriptions. BMc, NYc

REMARKS: After Austin's death, his widow sold sets of this exsiccata for $15 (Bot. Gaz. **6**: 61. 1880).

Austin, Coe Finch (1831–1880).

MUSCI APPALACHIANI. Numbers 1–450. Closter, New Jersey, 1870. SUPPLEMENT 1, numbers 451–550. 1878.

M

DATES OF PUBLICATION: On the accompanying schedae. The original issue was reviewed in Bull. Torrey Club **2**: 11. Mar 1871. Austin had shown a specimen volume at a meeting of the Torrey Botanical Club on 6 Apr 1869, and said he hoped to get about 20 subscribers (Rodgers, John Torrey, 1942, p. 292). The Supplement was said to be just ready in Bull. Torrey Club **6**: 234. Jun 1878.

INDEX: The schedae are titled Musci Appalachiani, Tickets of Specimens of Mosses collected Mostly in the Eastern Part of North America by C. F. Austin, and Musci Appalachiani Supplement 1, Tickets of (100) Specimens of Mosses collected Mostly in the Eastern Part of North America by Coe F. Austin.

REFERENCES: Austin published a number of the new taxa included in these sets, as well as revisions, in Bull. Torrey Club. See especially **5**: 21–24. Mai 1874; **5**: 32. Jul 1874; **6**: 341–344. Sep 1879; **7**: 4. 1880.

LABELS: Printed on pale blue paper, the Supplement with title, the original set without; number, name, authority, and a varying amount of collecting data. The labels are similar in format to Sullivant's Musci Appalachiani, and Sullivant and Lesquereux's Musci Boreali-Americani, but in Sullivant's sets the name is in capital letters, in Austin's only the first letter is capitalized. Most numbers consist of several specimens of different collections. New taxa may or may not be described. 439 *Hypnum Closteri* Austin is described in Latin, 466 *Weissia viridula* var *australis* is not. BM, FHc, G, K, NYc

REMARKS: Issued in bound 8vo volumes at $25, the supplement $6.

W. S. Sullivant assisted Austin financially and otherwise in this and in Austin's other undertakings. Of this set Sullivant wrote to Asa Gray on 27 Aug 1870:

> I have written to Austin that I *must* have final proofs of all the labels, the title page, index &c before they are finally printed. . I wrote, corrected and put into ship-shape pretty much all his diagnoses, but still I see, out of pure bullheadedness and conceitedness I suppose, he has tinkered and bungled many of them in the face too of his admission of his inability to write correctly the latin required. . . I think a great deal of Austin, provoking as the fellow is in some things, and cheerfully give him credit for large ability, industry and success in Muscological matters. But as before said the letter press of his Musc. exsicc. must at least be respectable if I am to have anything to do in footing the printers bills (Rodgers, "Noble Fellow": William Starling Sullivant, p. 276).

The eleven new species in this set which are attributed to Sullivant, or to Sullivant and Lesqueureux, later appeared in Sullivant's Icones Muscorum Supplement, 1874, to which they are sometimes, wrongly, referred, according to Wareham in Rodgers, p. 313.

Baker, Charles Fuller (1872–1927).

PACIFIC SLOPE BRYOPHYTES, DISTRIBUTED BY C. F. BAKER.
H, M

DATE OF PUBLICATION: Accessioned at NY in 1902 and 1903, at V (684 specimens) in 1902, and some at PC in 1906. Cardot and Thériot described a number of the mosses in Bot. Gaz. **37:** 365–380. 1904. It seems unlikely that the numbers are set numbers. They have, however, been regarded as forming an exsiccata by many authors.

LABELS: Printed, with title, number, name, authority, and collecting data. Other specimens have only the title, collector, and date printed. 557 *Polytrichum juniperinum* Willd. 1596 *Scapania Bolanderi* Austin. BM, FH, NY, PC

REMARKS: Baker collected and distributed numerous specimens of plants and insects, some with, some without, numbers. See some of these in Part V. Holzinger also distributed Baker collections under the title Mosses of Colorado, q.v.

Baker's Pacific Slope Lichens were apparently collected at the same time as the mosses. They were determined by H. E. Hasse and issued with printed labels. (189 *Ramalina menziesii* Tuck.) They are not included in Lynge or in Culberson as an exsiccata. His Pacific Slope Fungi consisted of 278 scattered numbers, according to information from John A. Stevenson.

There is a short obituary in Bryologist **30:** 114. 1927, in which it is stated that during his later years, as Dean of the Philippine College of Agriculture, he contributed half his salary to botanists impoverished by the First World War. His herbarium is at Pomona College.

Balsamo-Crivelli, Giuseppe Gabriele (1800–1875), and Giuseppe de Notaris (1805–1877).

MUSCI MEDIOLANENSES, COLLECTI ET EDITI A JOSEPHO BALSAMO ET JOSEPHO DE NOTARIS. Fascicles I–IV, numbers 1–80. Mediolani, 1833–1838.
M

DATES OF PUBLICATION: Fascicle 1 was announced in Linnaea Lit. Ber. **1833:** 66, and issued together with the authors' Synopsis muscorum in agro Mediolanensi, 27 p., 1833. Fascicles 2 and 3 are cited by number in their Prodromus bryologiae Mediolanus, 194 p., 1834 (preface 30 Dec 1833), where some numbers of Fascicle 3 are listed as addenda on p. 183. Fascicle 4 is cited in Notaris, Syllabus muscorum in Italia, 331 p., 1838 (preface Jan 1838), and in Notaris, Specimin de Tortula Italicus, Mem. Accad. Sci. Torino **40:** 1838 (exhib. mense Oct 1837). New taxa are described in these books.

Fascicle	Numbers	Date
1	1–20	1833
2–3	21–60	1834
4	61–80	1838

LABELS: Printed; number, name, and authority in capital letters, followed by reference to Bals. et DeNot. Prodr. Bryol. Mediol. 1 *Polytrichum piliferum* Hedw. V

Barth, József (1833–1915).

BRYOTHECA TRANSSILVANICA. Fascicles I–II, numbers 1–100. Langenthal, 1871.

M

DATE OF PUBLICATION: From Boros, Fontes florae Hungaricae **2:** 16. 1944. The fascicles have 50 numbers each.

REFERENCES: Barth. Zur cryptogamenflora Siebenbürgens. Verh. Mitteil. Siebenb. Ver. Naturwiss. Hermanns. **27:** 97–98. 1877. Reviewed in Bot. Jahresb. **4:** 316. 1876. There is an obituary of Barth in Magyar Bot. Lapok **14:** 116–119. 1915.

LABELS: Printed on pink paper, with title, number, name, authority and citation, collecting data. 10 *Schistidium apocarpum* (Hedw.) Bry. Eur. PC

REMARKS: I have used the title which is abbreviated on the labels. The set is also referred to as Herbarium transsylvanicum: die Laubmoose Siebenbürgens, and Kryptogamenflora von Siebenbürgens: Laubmoose.

See another part of Herb. transs. on page 115, Lichenes; Index Herb. gives 1871–1888 for the whole of Herb. transs.

NY has mosses collected by Barth in 1874, unnumbered, with the printed title Flora transsilvanica, the year and collector printed, the name and authority handwritten.

Bartram, Edwin Bunting (1878–1964).

MOSSES OF SOUTHERN ARIZONA. Fascicles I–VII, numbers 1–175. Bushkill, Pennsylvania, 1924–1927.

M

DATE OF PUBLICATION: The four distributions were accessioned at NY on 15 Jul 1924, Jan 1925, 29 Jul 1925, and Apr 1926. Bartram cited numbers in a series of descriptions of the new taxa, and revisions of label names, in Bryologist from 1924 to 1927 (when it was stated that number 175 had been distributed), but some of these are earlier than the last collecting date in the fascicle of which they are a part. The label of number 174 refers to a description in Bryologist **29:** 1. Jan 1926 (published 8 Mar 1926).

Fascicle	Numbers	Collecting Dates	Probable Date of Issue
1–2	1–50	1922–1923	1924
3–4	51–100	1922–Feb 1924	1924
5–6	101–150	1924–Feb 1925	1925
7	151–175	1924–Jan 1925	1926

INDEX: Fascicles 1 and 2 listed in Bryologist **29:** 56. 1924.

LABELS: Title and locality printed; number, name and authority, date, and altitude handwritten. 174 *Didymodon mexicanus* var *subulatus* Thér. & Bartr.
FHc, NY, PC

REMARKS: About 25 sets were issued.

Bartram's Mosses of New Mexico is serially numbered but probably not issued as a set (117 *Grimmia poecilostoma* Card., NY.)

Bauer, Ernst (1860–1942).

BRYOTHECA BOHEMICA. LAUB- UND LEBERMOOSE AUS BÖHMEN IN GETROCKNETEN EXAMPLAREN. Centuries I–IV, numbers 1–400. Smirchow bei Prag, 1898–1904.

H, M

DATES OF PUBLICATION: Centuries 1–3 are dated in Lotos **52:** 132–141. 1904. Century 4 was announced in Bot. Centralbl. **97:** 152. 1904.

Century	Numbers	Date	
1	1–100	Aug 1898	Indexed FH Aug 1900
2	101–200	Mar 1900	
3	201–300	Jan 1902	
4	301–400	1904	Indexed FH 22 Mai 1904

INDEX: Century 1 in Bot. Centralb. **76:** 128–131. 1898; Century 2 in Bot. Centralbl. **83:** 44–46. 1900 and Oesterr. Bot. Zeitschr. **50:** 145. 1900; Century 3 in Oesterr. Bot. Zeitschr. **52:** 132–133. 1902 and Lotos **52:** 132–141. 1904.

REFERENCES: Reviewed in Hedwigia, Allg. Bot. Zeitschr., and other journals.

LABELS: Printed, with title, number, name and authority, collecting data. It appears that the issuing of specimens preceded the publication of new taxa elsewhere. 27 *Barbula cylindrica* var *rubella* Schiffn. var nov not described; 400 *Frullania Tamarisci* (L.) Dum., collected 7 Sep 1902. BMc, FHc

REMARKS: The price was 14 marks per century.

There are labels of two other sets apparently issued by Ernst Bauer.

Musci Alegrenses 1897–99 Colleg. E. M. Reineck et T. Czermak, Edit. E. Bauer. About 90 numbers. Title and locality in facsimile handwriting; number, name, and authority in purple stamp of cursive printing. 1 *Frullania brasilienses* Raddi; 85 *Radula obtusifolia* Steph. FH

Flora von Böhmen. Title, collector ("Dr. Bauer"), name and authority in facsimile handwriting, number handwritten. 321 *Marchantia polymorpha* L. FH

An album of Musci and Hepaticae with the title Schulmoosherbarien, prepared by Bauer, was offered for sale in Herbarium 14, 1910.

Bauer, Ernst (1860–1942).

MUSCI BRASILIENSES. EDIT. E. BAUER. [Coll. V. Schiffner.] Numbers 1–174. Obersdorf, Tchéchoslovaquie, 1932.

For a list of species see Rev. Bryol. Lichénol. **5:** 160–161. 1932. This set will be described with other distributions of specimens of the same collection in Part V under Schiffner.

Bauer, Ernst (1860–1942).

MUSCI EUROPAEI EXSICCATI. DIE LAUBMOOSE EUROPAS UNTER MITWIRKUNG NAMHAFTER BRYOLOGEN UND FLORISTEN. Series I–XLVI, numbers 1–2300. Prag, 1903–1936.

(Title changes at Series 35 to: Musci Europaei et Americani exsiccati . . .)

M

DATES OF PUBLICATION: The series are dated on the accompanying list, either on the title page or on the final page.

Series	Numbers	Date	
1	1–50	15 Mar 1903	
2	51–100	15 Apr 1905	
3	101–150	30 Apr 1906	
4–5	151–250	15 Jun 1906	
6	251–300	15 Feb 1908	
7–8	301–400	15 Dec 1908	
9–10	401–500	15 Jun 1909	
11–12	501–600	15 Nov 1909	
13–14	601–700	1 Jul 1910	
15	701–750	15 Nov 1910	
16	751–800	30 Apr 1911	
17	801–850	15 Nov 1911	(With Nachtrag)
18	851–900	15 Sep 1912	
19	901–950	30 Nov 1912	(With Nachtrag)
20	951–1000	1 Oct 1913	
21	1001–1050	1 Oct 1914	
22–23	1051–1150	1 Nov 1915	
24	1151–1200	1 Jun 1915	
25	1201–1250	15 Aug 1915	
26–27	1251–1350	15 Dec 1915	
28–31	1351–1550	Sep 1922	
32	1550a–1600	Dec 1923	
33	1601–1650	Jan 1924	
34	1651–1700	1 Mar 1924	
35	1701–1750	(late) Sep 1924	
36	1751–1800	15 Mai 1925	
37	1801–1850	1 Dec 1925	
38	1851–1900	15 Jun 1926	
39	1901–1950	1 Mai 1927	
40	1951–2000	31 Mar 1928	
41	2001–2050	1929	(No date on list)
42	2051–2100	15 Apr 1930	
43	2101–2150	1 Jun 1932	
44	2151–2200	1932	
45	2201–2250	1934	
46	2251–2300	1936	

INDEX: Schedae for Series 1–6 were published in Lotos as follows: **51:** 117–142. Apr 1903; **53:** 200–228. Apr 1905; **54:** 52–76. Mar 1906; **54:** 109–131. Mai 1906; **54:** 132–146. Mai 1906; **56:** 97–99. Mar 1908. It will be noticed that some precede and some follow the date of issue of specimens. Schedae of later Series were published by the author, who also issued combined lists of Series 1–20 in 1916, and 21–34 in 1924. Many of the series were listed in reviews in the standard journals, some of these reviews by Bauer.

LABELS: Printed, with title, name and authority, collecting data, remarks. The amount of descriptive material on new taxa varies. 83 *Dicranella cervicolla* var *Jaapiana*, with long description in German. BMc, FHc, G, NY, PC

REMARKS: Issued in 4° portfolios with loose pages on which packets containing the the specimens are glued.

Beña, Mathew.

MUSCI FRONDOSI EXSICCATI. LAUBMOOSE AUS MÄHREN SCHLESIEN: NIEDERÖSTERREICH UND OBER-UNGARN. Centuries I–IV, numbers 1–500. Wien, 1911.

M

DATES OF PUBLICATION: All centuries are dated 1911 in Hedwigia Beibl. **52:** (82). 1912 and in Herbarium 22–23. 1911. But Centuries 1–3 were announced together in Oesterr. Bot. Zeitschr. **62:** 39. Jan 1912 and Centuries 4–5 in **62:** 150. Apr 1912. Centuries 1–3 were also announced together in Magyar Bot. Lapok **11:** 292. 1912. However, Boros in Fontes Florae Hungaricae **2:** 17. 1944 dates all centuries 1915, on the authority of Györffy in Bot. Múzeumi Füzetek Kolozsvár **1:** 14. 1915.

LABELS: Non vidi.

REMARKS: The price was 38 marks per century from Weigel in Leipzig.

Berggren, Sven (1837–1917).

PLANTAE IN ITINERIBUS SUECORUM POLARIBUS COLLECTAE/ INSULAE SPETSBERGENSES. Numbers 1–199. Lund, 1874.

H, M

DATE OF PUBLICATION AND INDEX: Date given in Index muscorum **2:** 12. Numbers cited in Berggren, Musci et Hepaticae Spetsbergenses, Bericht die Untersuchung der Moosflora Spitzbergens und Beeren-Eilands während der Schwedischen Expeditionen 1864 und 1868 und Verzeichniss der dort gesammelten Arten, 103 p., 1875 (first published in K. Svensk. Vet. Acad. Handl. 13. 1875). In this publication the exsiccata is titled Musci Spetsbergenses exsiccati. Numbers 1–163 are Musci, 164–199 are Hepaticae.

LABELS: Title printed; number, name, authority, and collecting data handwritten. 18 *Dicranum scoparium* var *integrifolium* Lindb. FH, K, PC, UPS

REMARKS: Unnumbered labels having the same main title as above but the subtitle "Greenland boreal" also exist (*Grimmia funalis*, collected in 1870, PC).

For Berggren's collections in other parts of the world see in Part V.

Blandow, Otto Christian (1778–1810).

MUSCI FRONDOSI EXSICCATI. Fascicles I–VI, numbers 1–300. Neustrelitz, 1804–1810.

M

DATES OF PUBLICATION: The title page dates below are followed by the recommended actual dates from my Dates of Publications, 1959. I have not seen Fascicle 6; it was announced in Jour. Gén. Étrang. on 20 June 1810, the year of Blandow's death, but may not have been issued.

Fascicle	Numbers	
1	1–50	1804 (19 Mai 1804)
2	51–100	1804 (28 Apr 1805)
3	101–150	1805 (20 Jun 1807)
4	151–200	1807 (20 Jun 1807)
5	201–250	1808 (16 Apr 1809)
6	251–300	(20 Jun 1810)

INDEX: Besides the list issued with each fascicle, species of Fascicles 1–5 are listed by number in Blandow's Uebersicht der Mecklenburgischen Moose nach alphabetischer Ordnung, 16 p., 1809. New taxa are not described.

LABELS: On the ticket itself there is only a handwritten number and name. The accompanying printed list gives also authority, habitat, and occasional remarks. 132 *Mnium lacustre* Bland., which was later described in Sturm's Deutschlands Flora, 1809, as were several other new taxa of this set.

BM(1–5), FH(3), G, PC(1–4)

REMARKS: The fascicles are bound books, 12 × 18 cm, with four sides of index, then the very small specimens glued to the pages.

In the library at BM there is a volume of specimens with the title Systematisch-tabellarische Sammlung von Laubmoosen: gesammelt und herausgegeben von Otto Christian Blandow. It is dated by hand 1808. It is a 20 × 28 cm bound book, the title pasted on the front, with 22 pages ("Tabulae") each with 6 to 9 specimens. The pages are numbered, but not the specimens, which have only a handwritten slip with name and citation. On page 1, *Buxbaumia aphylla* L. 42; *Polytrichum yuccaefolium* E. 388.

In the BM copy of the Uebersicht there is a notice, dated 13 Apr 1811, of an exsiccata of 2000 species of phanerogams.

Borgen, G., see Kiaer.

Braithwaite, Robert (1824–1917).

SPHAGNACEAE BRITANNICAE EXSICCATAE, EDIDIT R. BRAITHWAITE. Numbers 1–53. Londini, 1877.

M

DATE OF PUBLICATION: Between Apr and Jul 1877, that is, between the preface date and the first review in Jour. Bot. Lond. **6**: 223. Jul 1877. The copy at NY has an advertisement laid in, dated Mai 1877, of the author's forthcoming book (see below).

INDEX: Accompanied the specimens. They are listed by number in Grevillea **6**(38): 60–61. 1877 and listed without numbers in Bot. Jahresb. **5**: 271. 1877.

REFERENCES: Most of the new taxa were described in a series of articles by Braithwaite in the Monthly Microsc. Jour. as follows: **6**: 1–5, 268–273. 1871; **7**: 55–58, 256–258. 1872; **8**: 3–4, 157–158. 1872; **9**: 12–15, 214–216. 1873; **11**: 155–158, 255–257. 1874; **12**: 11–13, 168–171. 1874; **13**: 61–64, 229–232. 1875; **14**: 47–49. 1875.

Braithwaite. The Sphagnaceae or Peat Mosses of Europe and North America, 91 p., 1880 (preface Sep 1878). Cites the exsiccata numbers and attributes new taxa to the journal articles; there are some corrections of identification and nomenclature.

Wheldon. Notes on Braithwaite's Sphagnaceae Exsiccatae. Jour. Bot. Lond. **57**: 142–147. 1919. Comments on all numbers.

LABELS: Handwritten, with title, number, name, authority, collecting data. 26 *Sphagnum squarrosum* Pers. BMc, E, G, NYc

REMARKS: A bound 4° book with printed title page and index and a dedicatory preface in facsimile autograph, said by Wheldon to be Braithwaite's.

The prospectus said there would be 50 copies at 25 shillings each, though in the end there were 66 sets (Jour. Bot. Lond. **5**: 384. 1876 and **6**: 223. 1877).

Some numbers of this set represent more than one collection, e.g., *Sphagnum squarrosum* at E is labeled as of three different collectors and places; it is probable that sets are not identical.

J. A. Vize offered for sale microscopical preparations made from this set in Grevillea **6**(40): 151. 1878.

Brébisson, Louis Alphonse de (1798–1872).

MOUSSES DE NORMANDIE. Fascicles I–VIII, numbers 1–200. Falaise (Brée), 1826–1839.

M

DATES OF PUBLICATION:

Fascicle	Numbers	Title Page Date	Bibl. France
1	1–25	1826	9 Dec 1826
2	26–50	1828	27 Sep 1828
3	51–75	1829	18 Apr 1829
4	76–100	1830	10 Apr 1830
5	101–125	1831	
6	126–150	1833	2 Mar 1833
7	151–175	1835	
8	176–200	1839	20 Apr 1839

INDEX: Accompanied the fascicles.

REFERENCE: There is a full description of the exsiccata, and a biography of Brébisson, in Margadant, Early Bryological Literature 57–59.

LABELS: Printed, with number, name, authority, synonyms, habitat, and occasional remarks. New taxa either not described (49 *Dryptodon pulvinatus* var *crinitus* Nob.) or partly described by a short statement in French (196 *Gymnostomum serratum* Nob.).

REMARKS: Bound books, 12 × 18 cm. A second edition was issued of which I have seen only Fascicle 2, dated 1836, and it appears identical with the first edition so far as make-up and labels are concerned.

The price was 3 francs 50 per fascicle. This is a total of 31 francs for the whole set; in 1968 a set was offered by a Paris bookseller for 250 francs.

For algae from Brébisson's herbarium see Roumeguère, Algues de France, and Smith, Diatomacearum species typicae, on pages 98, 99, Algae.

Breutel, see Remarks under Breutel's **Flora Germanica exsiccata** on page 9, General Cryptogams and other collections in Part V.

Britton, see under Leiberg, **Musci Leibergiani** and **Mosses from Kootnai Co.**

Brotherus, Viktor Ferdinand (1849–1929).

BRYOTHECA FENNICA, EDIDIT V. F. BROTHERUS. Fascicles I–IV, numbers 1–400. Helsingsforsiae (Simel), 1910–1916.
H, M

DATES OF PUBLICATION:

Fascicle	Numbers	Title Page Date	Accessioned BM	Announced
1	1–100	1910	14 Apr 1910	Rev. Bryol. **37:** 48. Mar–Apr 1910
2	101–200	1911	30 Mai 1911	Hedwigia Beibl. **51:** (86). Jun 1911
3	201–300	1912	28 Feb 1913	Hedwigia Beibl. **51:** (232). Apr 1913
4	301–400	1916		Oesterr. Bot. Zeitschr. **67:** 403. Dec 1918

INDEX: Schedae were issued with the fascicles and also separately in booklets. Fascicle 1 is listed by number in Bot. Jahresb. **38:** 76. 1910, and reviewed, with some species named, in Bryologist **14:** 40. 1911.

REFERENCES: See under his Musci Fenniae exsiccatae.

LABELS: Printed on white paper, with title, number, name, authority, and collecting data. 309 *Dicranum bonjeani* var *integrum* Broth., not described. BM, FH, PC

REMARKS: The price was $6 per fascicle.

Brotherus, Viktor Ferdinand (1849–1929).

MUSCI FENNIAE EXSICCATAE, EDIDIT V. F. BROTHERUS. Fascicles I–IX, numbers 1–450. Helsingforsiae (Sederholm, later other printers), 1871–1888.

M

DATES OF PUBLICATION:

Fascicle	Numbers	Title Page	
1	1–50	1871	Copy at FH presented to Sullivant by S. O. Lindberg Jan 1872
2	51–100	1872	FH copy inscribed Feb 1873
3	101–150	1876	Preface dated Mar 1876
4	151–200	1882	K copy received Dec 1882
5	201–250	1884	K copy received Mar 1884
6	251–300	1885	K copy received Nov 1885
7	301–350	1886	Reviewed Bot. Centralbl. **29**(2): 59. 1887
8	351–400	1887	K copy received Feb 1887
9	401–450	1888	Reviewed Bot. Centralbl. **36**(10): 320. 1888

INDEX: A list accompanied the specimens. Fascicles 5–9 were listed in reviews in Bot. Centralbl. as follows: **18:** 351. 1884; **24:** 218–219. 1885; **29:** 59. 1887; **30:** 121–122. 1887; **36:** 320. 1888.

REFERENCES: Brotherus in Engler and Prantl, Die natürlichen Pflanzenfamilien 1(3), 1901–1909.

Brotherus. Die Laubmoose Fennoskandias, 635 p., 1923.

A recent biography of Brotherus is in Collander, History of Botany in Finland, 1965, p. 38–40. Collander notes that Brotherus described about 1800 new species of mosses and about 70 new genera. His herbarium at Helsinki totals some 120,000 specimens. There is a bibliography of his publications in Saelen, Finlands Bot. Litt., 1916, p. 53–57.

LABELS: Printed on blue paper, with title (V. F. Brotherus, M. F. E.), number, name, authority, collecting data. 186 *Grimmia apocarpa* f *nigra*, not described. BM, FHc, G, K, NY, PC

REMARKS: At FH in brown portfolios as issued, 17 × 20 cm.

In addition to the above two sets, Brotherus distributed specimens of his own collecting and those of other collectors. See these in Part V

Brotherus also distributed the first 240 specimens, which constituted the major part, of Ule's Bryotheca brasilienses. See page 266.

Brotherus, Viktor Ferdinand (1849–1929).

MUSCI TURKESTANICI. Numbers 1–331 (+ ?).

M

DATES OF PUBLICATION: Collected in 1896. Apparently not all the set was distributed at one time. Specimens were accessioned at K on at least 3 Mar 1900

(numbers 118 and 119) and 16 Mar 1904 (number 331). Numbers 29 and 30 are cited in Paris, Index Bryol. Fascicle 5, published 1 Apr 1904. That these are serial numbers is indicated by the fact that several collections of a single species are numbered sequentially. Thus 16, 17, and 18 are all *Tortula fragilis* from different localities.

LABELS: Printed, with title, number, name, authority, collecting data. 29, 30 *Barbula grandiretis* Broth. sp nov, without description. FH, G, K, PC

BRYOPHYTA CARPATORUM EXSICCATA, see under Vězda.

BRYOPHYTA DANICA EXSICCATA, see under Holmen.

BRYOPHYTA EXSICCATA REIPUBLICA CECHOSLOVENICAE, see under Podpěra.

BRYOPHYTA REGNI HUNGARIAE EXSICCATAE, see under Györffy and Péterfi.

BRYOTHECA CARPATHICA, see under Greschik.

BRYOTHECA POLONICA, see under Žmuda and Wiśniewski.

BRYOTHECA SILESIACA, see under Milde.

BRYOTHECA TRANSSILVANICA, see under Barth.

Buse, L. H. (1819–1888).

HEPATICAE NEERLANDICAE. 1855–1858.

The year dates are from Rogers in Trans. Brit. Bryol. Soc. **1**: 135. 1948. The labels are in the same format as Buse's Musci Neerlandici. The highest number I have seen is 100 *Marchantia polymorpha* Linn. FH

Buse, L. H. (1819–1888).

MUSCI NEERLANDICI SPECIMENA EXSICCATI. NEERLANDS MOSSOORTEN IN GETROOGDE EXEMPLAREN. Fascicles I–VII, numbers 1–175. Haarlem (Kruseman), 1855–1858.

M

DATES OF PUBLICATION: Sets of some or all fascicles were exhibited at meetings of the Netherlands Botanical Society, and reported in their minutes.

Fascicle	Numbers	Date	Reference
1	1–25	20 Jul 1855	Nederl. Kruidk. Arch. **4**: 80. 1856
2	26–50		
3	51–75		
4	76–100		Bot. Zeit. **15**: 341. 15 Mai 1857
5	101–125		Bot. Zeit. **16**: 18. 8 Jan 1858
6	126–150	20 Jul 1858	Annales Bryol. **10**: 157. 1937
7	151–175	1858	Margadant, personal communication

REFERENCE: For biographical details of Buse see Wachter in Annales Bryol. **10:** 157. 1957, who calls this set very rare; the public library at Rotterdam has it complete. An intact set is certainly rare, but there are specimens in many herbaria.

LABELS: Specimens are on 12 × 20 cm cards with printed data, the number in the upper left-hand corner, the name and authority, citations and locality, at the bottom. When the cards have been trimmed for placing in the herbarium, the number may have been discarded. New taxa may have a short diagnostic sentence or phrase in Latin and Dutch. 77 *Fissidens gymnandrus* Buse. BM, FH, L

REMARKS: Buse was assisted in collecting the specimens by his wife, Mrs. J. A. Buse-Koppiers, and by a relative, H. D. Gildermeester Buse.

Carrington, Benjamin (1827–1893), and William Henry Pearson (1849–1923).

HEPATICAE BRITANNICAE EXSICCATAE. Fascicles I–IV, numbers 1–290. Manchester, 1878–1890.

H

DATES OF PUBLICATION: From the title page or index page, followed by the earliest review or announcement.

Fascicle	Numbers	Date	
1	1–75	1878	Grevillea **7**(41): 17–18. Sep 1878
2	76–150	Jul 1879	Rev. Bryol. **6:** 95. Nov–Dec 1879
3	151–215	1883	Jour. Bot. Lond. **21:** 90–91. Mar 1883
4	216–290	1890	Bot. Centralbl. **44:** 68. Nov 1890; received, Bull. Torrey Club **17:** 319. Dec 1890

INDEX: Fascicles 1 and 4 are listed in the reviews.

LABELS: Printed, with number, name and authority, remarks, collecting data. Several specimens are of type collections, but in all cases which I have observed they are accompanied by Latin descriptions already printed in journals. 165 *Jungermannia Pearsoni* Spruce. BM, FHc, G, PCc

REMARKS: The fascicles are bound books which sold for 15 shillings each.

After the completion of this set, Pearson issued sets of unnumbered specimens with the title: Hepaticae Britannicae Exsiccatae, Being a Collection of One Hundred Specimens of British Hepaticae, Including Many Rare Species Carefully Prepared and Named by Wm. Hy. Pearson. The price was £1.0.0. The sets were advertised in Bryologist from Sep 1910 to Nov 1911. The BM copy is dated by hand 1911. According to Broome in his bibliography of Pearson (Bryologist **27:** 99–101. 1924), "the contents of the sets varied according to the material available and the requirements of the purchaser."

For an obituary of Carrington by Pearson see Rev. Bryol. **20:** 62–64. 1893.

Cassebeer, Johann Heinrich (1785–1850).

WETTERAUISCHE LAUBMOOSE. Decades I–III (+ ?). Frankfurt a. M. (Hermann), 1814/1815 (+ ?). Edition 2, Decades I–III (+ ?). Hanau (?), 1831/1832.

M

DATE OF PUBLICATION: The first 3 decades were offered for sale at the Leipzig Easter Fair of 9 Apr 1815 (Allg. Lit. Zeit. 10 Mai 1815), and announced in Jour. Gén. Étrang. on 20 Feb 1816. They were reviewed as of 1814 and listed without numbers in Isis (Oken) **10:** 544–545. 1822. The first 3 decades of the second edition were announced by Wikström in Årsberätt. Bot. Arbeten Upptäckter **1831:** 21. 1832, according to Margadant in a personal communication. Paris, Index Bryol. Fascicle **23:** 292, gives number 8, *Sphagnum immersum* Casseb., as of 1832. Sydow 126 says there were in all 7 decades, published at Frankfurt and Hanau from 1814 to 1841.

LABELS: All printed, without title, with number, name, German name, habitat, locality, synonym. 65 *Pogonatum aloides minus.* NY

This specimen has a locally printed slip on which the set is dated 1832, 1841, and thus is probably of the second edition. Isoviita in Annales Bot. Fenn. **3:** 229, 258. 1966 says that the labels of numbers 1–5 of the second edition, all *Sphagnum*, are handwritten. The reviewer of the first edition in Isis says that the labels include name, authority, locality, and date of collection. Among the species listed in the first edition are *Hedwigia ciliata, Encalypta vulgaris, Phascum bryoides.*

Chen, Pan-Chieh (1907–x).

MUSCI SINENSES EXSICCATI. Series I, numbers 1–50. 1943.

M

DATE OF PUBLICATION AND INDEX: Chen. Contrib. Inst. Biol. Graduate School, National Central Univ. Chunking, 1, 1943. Lists contents and describes new taxa.

LABELS: Title printed; series number, specimen number, name, authority, and collecting data handwritten. 1 *Dicranoloma kwangtungense* Chen sp nov, without description. NYc

REMARKS: Issued in packets.

Crome, Georg Ernst Wilhelm (1780–1813).

SAMMLUNG DEUTSCHER LAUB-MOOSE, GESAMMELT UND HERAUSGEGEBEN VON GEORG ERNST WILHELM CROME. Numbers 1–60, 90 p. text. Schwerin (Bärensprung), 1803. ERSTE NACHLIEFERUNG. Numbers 61–90, 48 p. text, 1805. ZWEITE NACHLIEFERUNG. Numbers 1–30, 48 p. text, 1806.

M

DATES OF PUBLICATION:

Numbers	Title Page Date	Preface Date
1–60	1803	Jul 1803
Nachl. 1, 61–90	1805	Apr 1805
Nachl. 2, 1–30	1806	Aug 1806

INDEX AND REFERENCES: There was a prospectus in Jour. Bot. Schrader **1**(2): 493–495. 1801, the communication dated 10 Mai 1803. Species of the first 90 numbers and some of the second Nachlieferung were listed without numbers in the same journal **1**(3): 194–195. 1806. The whole set was reviewed in Hoppe's Bot. Taschenb. 1808, 11–31 and 101–138.

Crome announced a proposed third Nachlieferung in Jour. Bot. Schrader **3**: 287–288. 1809, and listed some of the species to be included. So far as I know, it did not appear, perhaps owing to the war. (Napoleon took Regensburg 23 Apr 1809.) Crome also announced (Jour. Gén. Étrang. 20 Jan 1808) an issue of three fascicles of lichens, but I have seen no other references to it.

LABELS: Labels on the specimens have a number only, since they serve to illustrate the preceding text, in which new taxa are described. 80 *Bartramia hercynica* Floerk., Nachl. 1 p. 37. BMc, FH, PCc, STRc

REMARKS: A 16 × 21 cm bound book, the specimens 4 or 5 to a page. The text is in German except for a brief description of each taxon in Latin. In the BM copy, the number and name from an extra copy of the text is cut out and pasted on the specimen.

Delogne, Charles-Henri (1834–1901), and Pierre Joseph Frédéric Gravet (1827–1907).

LES HÉPATIQUES DE L'ARDENNE. Fascicles I–VI, numbers 1–60. Gand (Arnoot-Braeckman), 1868–1870.

H

DATES OF PUBLICATION: From the title pages.

Fascicle	Numbers	Date
1	1–10	Dec 1868
2	11–20	Sep 1869
3–6	21–60	Mar 1870

INDEX: Fascicles 1 and 2 were reviewed together and listed without numbers in Bull. Soc. Bot. Belg. **7**: 354–355. 1869, and Fascicles 3–6 were listed in the same journal **9**: 360–361. 1870.

LABELS: Uniform with the authors' Mousses de l'Ardenne. 16 *Jungermannia Starkei* var *procerior*, without authority or description. BMc, FHc, PCc

REMARKS: The six fascicles are bound in three 8vo volumes.

Delogne, Charles-Henri (1834–1901), and Pierre Joseph Frédéric Gravet (1827–1907).

LES MOUSSES DE L'ARDENNE, RECUEILLIES ET PUBLIÉES PAR C. DELOGNE ET F. GRAVET. Fascicles I–V, numbers 1–250. Gand (Arnoot-Braeckman), 1868–1872.

M

DATES OF PUBLICATION: From title pages. Delogne in his Flora Crypt. Belg. **1**: 308. 1883, dates the whole set 1868–1873, though the title page date of Fascicle 5 is 1872.

Fascicle	Numbers	Date
1	1–50	Dec 1868
2	51–100	Sep 1869
3	101–150	Jan 1870
4	151–200	Feb 1870
5	201–250	Mar 1872

INDEX: An alphabetical list was included. Most species were listed without numbers in Bull. Soc. Bot. Belg. as follows: (Fascicles 1–2) **7**: 353–354, 374–377. 1868; (Fascicles 3–4) **9**: 140–142. 1870; (Fascicle 5) **11**: 330–331. 1872.

LABELS: Printed, with title, number, name and authority, synonyms, habitat, place and date of collection. 249 *Sphagnum subsecundum* var *squarrosum* Grav., not described. FHc, PCc

REMARKS: The fascicles are 19 × 25 cm bound books.

Delogne's Flore cryptogamique de la Belgique was originally published in Ann. Soc. Belge Microsc. **7**: 19–220. 1883, but was also issued separately paged, 1–328. The list of exsiccatae is on p. 200–201 in the original, 308–309 in the separate. Both versions may be bound and shelved as books in libraries.

Dismier, Gabriel (1856–1942).

BRYOTHECA GALLICA. Series I–XVIII, numbers 1–450. St. Maur, 1923–1932.

H, M

DATES OF PUBLICATION:

Series	Numbers	Date and Source
1	1–25	1923 in Rev. Bryol. **50**: 80. Sep–Oct 1923
2	26–50	before Jul 1924 in Dismier correspondence at STR
3	51–75	late 1924 in Dismier correspondence
4	76–100	probably 1925
5	101–125	1926 in Archives Bot. Caen Bull. Mens. **1**: 14. Jan 1927
6	126–150	20 Jul 1926 in Dismier correspondence
7–8	151–200	1927 in Archives Bot. Caen Bull. Mens. **1**: 158–159. 1927 and Rev. Bryol. n.s. **1**: 75–76. Mar 1928
9	201–225	1928 in Archives Bot. Caen Bull. Mens. **2**: 39. Feb 1928 but 1927 in Herbarium 82. 1930
10	226–250	Nov 1928, written on set at STR; Rev. Bryol. n.s. **1**: 223–224. Dec 1928

Series	Numbers	Date and Source
11–12	251–300	1929 in Achives Bot. Caen Bull. Mens. **4**: 95–96. Jul 1930; Rev. Bryol. n.s. **2**: 60–61. Mar 1929 and **2**: 253. Dec 1929
13–14	301–350	1930 in Rev. Bryol. n.s. **3**: 159. 1930
15	351–375	1930 in Rev. Bryol. n.s. **4**: 52. 1931
16	376–400	1931 in Rev. Bryol. n.s. **4**: 214. 1931
17	401–425	1931 in Rev. Bryol. n.s. **5**: 56. 1932
18	426–450	1932 in Rev. Bryol. n.s. **5**: 161. 1932

INDEX: Series 5–12 listed in Archives Bot. Caen Bull. Mens. and Series 7–18 in Rev. Bryol.; Series 14 in Bryologist **34**: 7–8. 1931.

LABELS: Title printed; number, name, authority, collecting data handwritten. 23 *Andreaea petrophila* Ehrh. 100 *Alicularia compressa* (Hook.) Nees.

BM, FH, L, PCc, STR

REMARKS: The price was 8 francs per fascicle. In a letter from Dismier to Mausbudel, filed with the set at STR, the author stated that in 1925 there were 60 subscribers.

There is a biography with portrait and bibliography in Rev. Bryol. n. s. **18**: 5–10. 1949.

Drummond, Thomas (1780–1835).

MUSCI AMERICANI; OR, SPECIMENS OF THE MOSSES COLLECTED IN BRITISH NORTH AMERICA, AND CHIEFLY AMONG THE ROCKY MOUNTAINS, DURING THE SECOND LAND ARCTIC EXPEDITION UNDER THE COMMAND OF CAPTAIN FRANKLIN, R.N. BY THOMAS DRUMMOND, ASSISTANT NATURALIST TO THE EXPEDITION. Volume I, numbers 1–158; Volume II, numbers 159–286. Glasgow, 1828.

H, M

DATE OF PUBLICATION: From title page.

REFERENCES: Contemporary reports on the journey and the set are:

Letters from Drummond in Linnaea **2**: 519–525. 1827.

Drummond. Sketch of a journey to the Rocky Mountains. Bot. Misc. **1**: 178–219. 1830.

Wilson. Remarks on Drummond's Musci Americani, Glasgow, 1828. Jour. Bot. Hooker **3**: 433. 1841.

Bruch and Schimper. Corrections and remarks upon Drummond's first collection of North American mosses. Lond. Jour. Bot. **2**: 663–670. 1843.

C. D. Bird in Bryologist **70**: 262–268. 1967 has traced Drummond's route through four provinces of western Canada, giving the modern names of the localities, and bringing up to date the nomenclature of the 75 numbers collected in those provinces.

LABELS: Printed, without title, with number, name, authority, references, habitat. 105 *Dicranum microcarpum* sp nov, described in Latin. Although the new taxa

have been ascribed to Hooker, Andrews in Bryologist 25: 98. 1922, stated that Drummond himself was responsible for those not specifically credited to Hooker.
BMc, FHc, G, K, NYc

REMARKS: Sullivant's copy at FH, in two 20 × 27 cm bound books, has pencilled notes, including the statement that number 151 is *Orthotrichum anomalum* in some copies and *O. sordidum* in others. FH has another set of Drummond's American specimens, with handwritten numbers to 355 and many notes by Wilson, the last note dated 15 Oct 1834. At NY the specimens are on cards, fastened to loose sheets.

The expedition took place during 1825–1827 and was one of Franklin's attempts to find a northwest passage from the Atlantic to the Pacific. The route was overland from New York via Ontario to Saskatchewan and Alberta, thence by Lake Winnipeg to Hudson's Bay. Drummond was actually alone or with a small party most of the time, living under conditions of great hardship, which included a winter spent in a brushwood hut and a trek of 150 miles on snowshoes to meet the main party in April; at least once he collected mosses while out-facing a bear (Geiser, Naturalists on the Frontier, Ed. 2, 1948, 55–78).

Forms of citation of this and Drummond's other American set are confusing. The primary title, Musci Americani, being the same, they have usually been cited as Edition 1 and Edition 2, though in fact this is not the case. A common form of reference of both is Musci Boreali Americani, though I have not seen a copy with this title.

Although the labels on the three Drummond sets are without titles, they may be distinguished in herbaria by the localities given, and also as follows:

Musci Scotici has the number and name centered on the first line. There are references to Hooker Fl. Scot. and Grev. Fl. Edinb., and to the first edition of Hooker and Taylor's Muscologia Britannica, which is abbreviated Hooker & Tayl.

Musci Americani British North America has the number and name flush with the left hand margin. The citation to Muscologia Britannica is Hooker et Tayl. ed. 2. Mostly ecological data are given as habitat, sometimes locality.

Musci Americani Southern States has the number and name at the left margin, the abbreviation H. & T., and only the locality given as habitat.

Drummond, Thomas (1780–1835), [William Wilson (1799–1871), and William Jackson Hooker (1785–1865)].

MUSCI AMERICANI; OR, SPECIMENS OF MOSSES, JUNGERMANNIAE, &C. COLLECTED BY THE LATE THOMAS DRUMMOND, IN THE SOUTHERN STATES OF NORTH AMERICA. ARRANGED AND NAMED BY W. WILSON AND SIR W. J. HOOKER. Numbers 1–180. Warrington, 1841.

Wilson was the actual author of the set; it is placed here for comparison with Drummond's other American exsiccata.

H, M

DATE OF PUBLICATION: From the title page.

REFERENCES: Hooker, W. J. Mr. Drummond's collections. Jour. Bot. Hooker **1**: 50–60, 183–202. 1834.

Hooker. Notice concerning Drummond's collections made chiefly in the southern and western parts of the United States. Comp. Bot. Mag. **1**: 21–26, 39–49, 95–101, 170–177. 1835, and **2**: 60–64. 1836.

Geiser. Naturalists on the Frontier. Ed. 2, 1948, 55–78.

LABELS: Printed, without title, with number, name, authority and citation, locality. 30 *Grimmia Drummondii* sp nov, described in Latin. BM, FH

REMARKS: FH has 180 specimens in a portfolio, the specimens on cards attached to sheets. The prospectus (Jour. Bot. Hooker **2**: 433. Sep 1840) said that 20 sets of about 200 species were then nearly ready, and would sell for £2 each 100 specimens. In 1842 the original sets had all been disposed of but Wilson could provide incomplete sets of from 170 to 145 specimens (Lond. Jour. Bot. **1**: 638. 1842). The BM set, purchased in that year, has 162 specimens. Most of the numbers from 155 are hepatics, and many are named only tentatively. 180 is *Azolla caroliniana* Willd. ?

This set has been variously cited as Musci Americani (or Musci Bor. Am.) Edition 2, Musci Americani Collection 2. Mosses of the Southern States, and Southern Mosses.

Drummond's second expedition to North America was a private one, under the patronage of Hooker. He spent 1830–1831 collecting from New York to St. Louis; 1831–1832 in Louisiana at or near New Orleans; Mar 1833–Dec 1834 in Texas (part of the time incapacitated by cholera); Jan–Feb 1835 in Florida. On 9 Feb he sailed for Havana, where he died in Mar. He collected flowering plants, which Hooker distributed, and birds, as well as bryophytes. William Wilson prepared and distributed this set, and it is sometimes filed under his name in herbaria but almost invariably cited to Drummond in the literature.

Drummond, Thomas (1780–1835).

MUSCI SCOTICI; OR, DRIED SPECIMENS OF THE MOSSES THAT HAVE BEEN DISCOVERED IN SCOTLAND; WITH REFERENCE TO THEIR LOCALITIES. Volume 1, numbers 1–100; Volume II, numbers 1–100. Forfar, 1824–1825.

M

DATE OF PUBLICATION AND INDEX: The title pages are not dated. Volume 1 was reviewed and listed in Edinb. Jour. Sci. **1**: 365–367. Oct 1824; volume 2 was announced as already published in Edinb. Jour. Sci. **2**: 354. Apr 1825. Each volume contains a one-page index.

LABELS: Printed, without title; the number and name on the top line, authority and references on the second line; habitat. New taxa described in Latin, including volume 1, 60 *Orthotrichum Drummondii* Hooker mss, and volume 2, 29 *Grimmia spiralis*, no author. (Both these names have been attributed by modern authors to Hooker in Greville, Scottish Cryptogamic Flora, 1824 and 1826.) For a comparison of these labels with those of Drummond's other sets, see under his Musci Americani British North America. BMc, E, FHc, G, K

REMARKS: Bound books, 20 × 27 cm. FH has two copies, one bound in dark blue with red leather title on the spine, the other, Sullivant's, in gray with a paper title on the spine.

Duda, Josef (1925–x).

MUSCI ET HEPATICAE EXSICCATI. CURAVIT R. N. DR. JOSEF DUDA. Century I, Pars I–II, numbers 1–100. Opava (Museum Silesiae, Sectio Botanica), 1951–1954.

H, M

DATES OF PUBLICATION: From the author.

Part	Numbers	Date	
1	1–50	Aug 1951	(Mimeographed schedae dated 1 Mar 1951)
2	51–100	Nov 1954	

INDEX: Schedae in Acta Musei Silesiae [Casopis Slezského Musea v Opavo] Ser. A, **1**: 3–12. 1951 and **3**: 59–64. 1954, and in mimeographed form with the specimens.

LABELS: Printed, with title, number, name, authority, habitat, collecting data. 1 *Ricciocarpus natans* (L.) Corda. BMc, FHc, K, NYc, PC

REMARKS: There are more than 100 specimens; number 1, for example, is in four packets, each representing a different collection. There were 100 sets prepared, for exchange.

Eaton, Daniel Cady (1834–1895), and Edwin Faxon (1823–1898).

SPHAGNA BOREALI-AMERICANA EXSICCATA, CURAVERUNT D. C. EATON ET E. FAXON. DISTRIBUIT G. F. EATON. Numbers 1–172. New Haven, Connecticut, 1896.

M

DATE OF PUBLICATION: Accompanying list dated 1 Sep 1896. Announced in Bot. Gaz. **21**: 502. Dec 1896. Received BM 6 Mar 1897.

INDEX: A systematic list accompanied the set; specimens were listed by number in Bot. Centralbl. **69**: 274–275. 1897.

REFERENCE: New taxa were described by Warnstorf in Bot. Gaz. **15**: 125–140 et seq. 1890, and in Hedwigia **33**: 307–337. 1894.

LABELS: Printed, with title, number, name, authority, collecting data. 68 *S. teres* var *squarrulosum* (Lesq.) Warnst. Numerous formae are given Latin names but not described. BMc, FHc, G, NY, PC

REMARKS: The preface states that all determinations were by Warnstorf. Faxon was assisting Eaton in preparing the set at the time of the latter's death; he completed the work and wrote the preface. George F. Eaton, son of D. C. Eaton, was responsible only for the distribution. Sixty sets were issued, at $15 per set.

D. C. Eaton was a grandson of the earlier botanist Amos Eaton. He was Professor of Botany at Yale College and a specialist on ferns. There is an obituary with bibliography and portrait in Bull. Torrey Club **22**: 341–351. 1895.

Labels with the printed title Musci Orientali-Americani Ex Herb. D. C. Eaton Distributi have handwritten data and no serial numbers. Urban, Geschichte der Königl. Bot. Museum Berlin-Dahlem, dates this 1893–1894. *Sphagnum cymbifolium* Ehrh. var *glaucescens* (FH).

See Faxon, North American Sphagna.

Eiben, C. E.

OSTFRIESLANDS LAUBMOOSE. GESAMMELT UND HERAUSGEGEBEN VON C. E. EIBEN. Fascicles I–IV, numbers 1–150. Aurich (Frerichs, later Dunkman), 1866–1870.

M

DATES OF PUBLICATION:

Fascicle	Numbers	Date	Source of Date
1	1–50	1866	Hedwigia **5:** 45–46. Mar 1866; Bot. Zeit. **24:** 184. 8 Jun 1866; Hinrichs **21:** 29. first quarter 1866
2	51–100	1868	Hinrichs **23:** 334. fourth quarter 1868
3	101–125	1869	Sydow 126. Fascicles 1–3 accessioned BM 1866–69
4	126–150	1870	Hedwigia **9:** 154. Sep 1870

INDEX: Eiben published a printed systematic index to Fascicles 1–2 in 1866 in which the numbers of Fascicle 2, not yet issued, were placed in parentheses.

REFERENCES: Eiben was the author of at least two long papers on Ostfriesland mosses, in Hedwigia 1872 and Abh. Nat. Ver. Bremen in 1889, but neither of these cites the exsiccata.

LABELS: At BM, handwritten, but this may not be the original set. 58 *Sphagnum fimbriatum.*

Étienne, Georges (d. 1910).

MOUSSES DE LA NORMANDIE, PRÉPARÉES ET CLASSÉES D'APRÈS LA MÉTHODE DE W.-PH. SCHIMPER. Fascicles I–V, numbers 1–250. Rouen (Lecointe), 1870–1889.

M

DATES OF PUBLICATION: From the title pages; the title page for Fascicle 1 was used for subsequent issues with the year date written over.

Fascicle	Numbers	Date	
1	1–50	1870	
2	51–100	1872	(the PC copy has 1870 unchanged)
3	101–150	1873	
4	151–200	1874	
5	201–250	1889	

INDEX: Accompanied the fascicles.

LABELS: Printed, with title, number, name, reference to Schimper's Synopsis muscorum, some synonymy, place and month of collection. 4 *Sphagnum acutifolium* "avec le type." BM(1–4), FHc, PCc

REMARKS: Loose leaves in board covers, 20 × 23 cm.

Familler, see under **Flora exsiccata Bavarica: Bryophyta**.

Faxon, Edwin (1823–1898).

NORTH AMERICAN SPHAGNA. EDWIN FAXON COLL. DR. C. WARNSTORF DETERM.

M

DATE OF PUBLICATION: All the specimens I have seen were collected in the 1890s. Eaton and Faxon's Sphagna Boreali-Americana exsiccata was distributed in 1896, also largely determined by Warnstorf. The specimens I have compared in the two sets are not of the same collection, but some are from the same place, and these are of later collection in Eaton and Faxon.

LABELS: Title printed, number, name, authority, and collecting data handwritten. 21 *Sph. fimbriatum* var *tenue* Gravet. FH, NY

Fendler, Musci Venezuelenses, see under Schrader.

Fiedler, Karl Friedrich Bernhard (1807–1869).

MUSCI FRONDOSI EXSICCATI. Fascicles I–III, numbers 1–150. Berlin (Plahn), Fascicles 2–3 Schwerin (Kurschner), 1842–1846.

M

DATES OF PUBLICATION: Hinrichs **1847**: 157 says that the three fascicles were published in 1842, 1843, and 1846. However, in the preface to Fiedler's Synopsis der Laubmoose Mecklenburg's, 138 p., 1844, the author says that the first 50 specimens, of *Hypnum*, are just ready, though he does not cite numbers under the species. Fascicle 1, numbers 1–50, was announced in AVB **1845** (Easter): 80, and Fascicle 3 in AVB **1847** (Easter): 95. Index Herb. **2**(2): 196 gives 1842–1843 for the whole set, and Sydow 126 gives 1844–1846.

LABELS: At BM the labels are on blue paper, the name and authority printed, the number handwritten. There are no other data, but in rubber stamp "Musci frond. exsic./Dr. B. Fiedler / Sucrini. 1842–3." 140 *Sphagnum cymbifolium* Ehrh.

REMARKS: Urban, Geschichte der Königl. Bot. Museum Berlin-Dahlem, lists also Musci Megapolitani, 1844. I have not identified it.

Fleischer, Max (1861–1930).

MUSCI FRONDOSI ARCHIPELAGI INDICI EXSICCATI. Series I–XII, numbers 1–600. Series I–VI at Batavia, VII–X at Berlin, XI at S'Gravenhage, XII at Berlin, 1898–1933.

The editor of Series 12 was Hermann J. O. Reimers (1893–1961).

The title from Series 9 on is Musci Archipelagi Indici et Polynesiaci; in early fascicles the last word is spelled Exsiccata.

M

DATES OF PUBLICATION: On the printed lists which accompanied the series. The list for the first three series has the date Mai 1900, but earlier dates for Series 1 and 2 are printed or written on.

Series	Numbers	Date	Accessions
1	1–50	Dec 1898	
2	51–100	Aug 1899	
3	101–150	Mai 1900	Fascicles 1–3, BM, 15 Jan 1901
4	151–200	Nov 1901	BM, 18 Jan 1902
5	201–250	Jul 1902	BM, 25 Oct 1902
6	251–300	Nov 1902	BM, 31 Jan 1905
7	301–350	Dec 1904	BM, 31 Jan 1905; FH, 8 Jun 1905
8	351–400	Dec 1905	BM, 23 Mar 1906; FH, 7 Apr 1906
9	401–450	Dec 1906	BM, 16 Feb 1907
10	451–500	Sep 1908	BM, 10 Oct 1908; FH, 8 Jan 1909
11	501–550	Sep 1928	BM, 18 Mar 1929
12	551–600	(1933 on label)	FH, 16 Mai 1933

INDEX: Besides the accompanying lists, most series were reviewed soon after publication, and the contents named, in Hedwigia, Bot. Centralbl., Bot. Jahresb., and Rev. Bryol.

REFERENCES: Fleischer described many new taxa included in the exsiccata in, inter alia, Neue Javanese Fissidens-Arten herausgegeben in Musci Arch. Ind. Ser. I, Hedwigia Beibl. **38:** (125)–(128). Mai–Jun 1899, and Die Musci Flora Buitenzorg, 4 vols, 1900–1922.

Some of the names are validated by Brotherus in Engler and Prantl, Die Natürlichen Pflanzenfamilien 1(3). 1901–1909.

There is a Fleischer bibliography in Annales Crypt. Exot. **3:** 161–167. 1930, and a biography emphasizing his travels and collections in Flora Malesiana 1(1): 167.

LABELS: Printed, except for Series 12, where only the title and collector are printed (Series 6 at L is typewritten, but is printed at FH), with title, series number and date, number, name, authority, citation, collecting data. 258 *Leucoloma javanicum* var *epilosum* Fl. var nov, not described. 598 *Ectropothecium borneense* Broth. et Geheeb, "cotypus." BM, FHc, G, L, PC

REMARKS: The specimens are in packets.

Fleischer, Max (1861–1930), and Carl Friedrich Warnstorf (1837–1921).

BRYOTHECA EUROPAEA MERIDIONALIS. Centuries I–IV, numbers 1–400. Rouen, 1896–1910.

H, M

DATES OF PUBLICATION AND INDEX: Dates from labels, followed by the reviews that list species, except that Century 4 was not listed. The reviews have descriptions in German of new taxa. Most of the species in Century 4 were indicated by an

asterisk in Fleischer's Verzeichnis der M. Fleischer 1908 während der Monate April und Mai in Sudfrankreich und Spanien beobachteten Laub-, Leber- und Torfmoose, in Hedwigia Beibl. **50:** (189)–(203). Nov 1910, but without set numbers.

Century	Numbers	Date	
1	1–100	1896	Bot. Centralbl. **65:** 298–300. Feb 1896; Hedwigia Beibl. **36:** (72)–(74). 1897
2	101–200	1897	Bot. Centralbl. **72:** 393–395. Dec 1897; Hedwigia Beibl. **37:** (139)–(140). 1898
3	201–300	1906	Hedwigia Beibl. **46:** (36)–(40). Nov 1906
4	301–400	1910	Bot. Jahresb. **38:** 77. 1910; Hedwigia Beibl. **51:** (86). 1911. Accessioned BM 20 Dec 1910

LABELS: Printed, with title, century and date, number, name, authority, and collecting data. 73 *Fontinalis cavifolia* Warnst. et Fleischr. sp nov, not described.

BMc, FHc, PC

REMARKS: At FH, the specimens are in packets in a portfolio. The prospectus in Bot. Centralbl. **61:** 395. 1895, and Hedwigia Beibl. **34:** (67). 1895 said there would be 40 sets at 25 marks or 20 francs per century, but Herbarium 17, 1910, offered the 4th century for 30 marks.

FLORA EXSICCATA BAVARICA: BRYOPHYTA. [Edited by Ignaz Familler.]

Fascicles I–XXXII, numbers 1–800 + Nachtrag. Regensburg (Königl. Botanischen Gesellschaft), 1901–1913.

H, M

DATES OF PUBLICATION: Fascicles dated on index. Fascicles 1–16 dated also in Hedwigia Beibl. **45:** (37). Oct 1903, and in subsequent issues cited below.

Fascicle	Numbers	Date	Hedwigia Beibl.
1–2	1–50	1 Mar 1901	
3–4	51–100	1 Oct 1901	
5–8	101–200	1 Dec 1902	
9–12	201–300	15 Dec 1903	
13–16	301–400	15 Dec 1904	
17–20	401–500	1 Nov 1905	**45:** (126). Mar 1906
21–24	501–600	1 Dec 1906	**46:** (85). Feb 1907
25–28	601–700	1 Dec 1907	**47:** (155)–(156). Mar 1908
29	701–725	1 Dec 1908	**48:** (139). Feb 1909
30	726–733	1 Dec 1908	**48:** (139). Feb 1909
	734–750	15 Nov 1909	**49:** (132)–(133). Jan 1910
31	751–766	n.d.	**54:** (124). Nov 1913 (Allg. Bot. Zeitschr. **19:** 80. Mai 1913)
	767–775	n.d.	**51:** (86). Jun 1911
32	776–800	n.d.	**51:** (86). Jun 1911
Nachtrag	(additional forms of earlier numbers)		(Received FH 16 Dec 1913)

INDEX: Besides the accompanying index, a list of Fascicles 1–12 was published in Denkschr. Königl. Bot. Ges. Regensb. 1903, and separately. Fascicles 1–2 were listed in Bot. Centralbl. **85:** 263–264. 1901; Fascicles 9–12 in Allg. Bot. Zeitschr. **10:** 31. 1901; Fascicles 17–31 in Hedwigia, above; Fascicles 29–31 in Bot. Jahresb. **36:** 70. 1908 and **37:** 87. 1909.

LABELS: Printed, with title, number, name, authority, collecting data. 545 *Grimmia incurva* Schwaegr. FHc, PC

REMARKS: Flora exsiccata Bavarica was a large project edited by Poverlein and issued by the society at Regensburg from 1898; the issues may be followed in Bot. Centralbl. The bryophyte section was separately numbered.

The name of Ignaz Familler (1863–1923) as editor appears intermittently, and for Fascicle 25, at least, the manager was Johann Mikutowicz. Some fascicles list other bryologists as responsible for identifications.

At FH the specimens are in packets in 17 × 25 cm box-like portfolios, with index on the inner cover.

Flowers, Seville (1900–1968).

UTAH MOSSES. Fascicle 1, numbers 1–25. Salt Lake City, Utah, 1933.
M

DATE OF PUBLICATION: 1 June 1933, according to the author.

LABELS: In rubber stamp, with title, number, name, authority, collecting data. 15 *Encalypta vulgaris* var *mutica* Brid. NYc

REMARKS: Sixty copies were prepared, of which about 35 have been issued by gift or exchange.

Foreau, Georges (1882–1967).

MUSCI MADURENSES INDIAE MERIDIONALIS EXSICCATI, NAMED BY JULES CARDOT. Fascicles I–III, numbers 1–75. Madura, British India, 1912–1913.
M

DATES OF PUBLICATION:

Fascicle	Numbers	Accessioned at FH	Announced
1	1–25	1912	Rev. Bryol. **39:** 16. Jan 1912
2	26–50	4 Nov 1912	Hedwigia Beibl. **53:** (233). Apr 1913
3	51–75	2 Apr 1913	Hedwigia Beibl. **54:** (124). Nov 1913

Herbarium 80, 1929, offered a set with 150 numbers; this may contain the further numbers which Potier de la Varde in Bryologist **26:** 52. 1923 said would be issued; I have not seen them.

REFERENCES: Descriptions for the new names given the specimens by Cardot were published in:

Potier de la Varde, Musci madurenses. Rev. Bryol. **49:** 33–44. 1922; **50:** 17–27, 72–79. 1923; **51:** 10–14. 1924; **52:** 37–43. 1925.

Dixon and Potier de la Varde. Contributions à la flore bryologique de l'Inde meridionale. Archives Bot. Caen Bull. Mens. **1**: 161–184. Aug–Sep 1927.

LABELS: Handwritten, with title, number, name, collecting data. 51 *Campylopus Reineri* Card. sp nov, not described. FH

REMARKS: The Rev. Père Georges Foreau was a teacher at St. Xavier's College, Palamcotta in Madura, and with his fellow priests, Fathers André, Roiné, and Vellé, collected and distributed sets of plants of various groups (Rev. Bryol. **49:** 33. 1922). There are labels with printed titles, St. Xavier's College, Palamcottah (155 *Hypnum cupressiforme*, FH).

Foreau's Musci Madurenses is of specimens named by Jules Cardot (1860–1934), who had intended to publish descriptions of the new taxa. After his herbarium was damaged in the German invasion he became inactive (Bryologist **22:** 11–12, 29–30. 1919), and work on the Indian mosses was taken over by Robert André Léopold Potier de la Varde (1878–1961). Potier de la Varde wrote the descriptions for the Cardot names, and later, in collaboration with Dixon, continued to identify Foreau collections. According to the obituary of Potier de la Varde by Demaret (Rev. Bryol. Lichénol. **30:** 145–154. 1961, with portrait and bibliography), they described 3 new genera and 120 species and varieties in all.

There have been further distributions of Foreau specimens. Dixon distributed specimens collected from at least 1915 to 1925 with labels having the printed title: Coll. G. Foreau. Madras Province. Det. H. N. Dixon. Presented 1925. (79 *Wilsoniella pellucida* Wils. C.M., BM) G accessioned 103 specimens under the title Musci Madurenses in 1926–1928, and Herbarium offered a set of 150 specimens in 1929.

Frye, Theodore Christian (1869–1962).

MOSS EXSICCATI. Numbers 1–60. Seattle, Washington, 1942.
M

DATE OF PUBLICATION: Received by NY Apr 1942.

LABELS: Typewritten, with title, number, name, authority, collecting data. 1 *Anacolia menziesii* Hook. NYc

REMARKS: Issued in packets.

There is an obituary of Frye, with portraits and bibliography, in Bryologist **66:** 124–136. 1963.

Funck, Heinrich Christian (1771–1839).

DEUTSCHLANDS MOOSE. EIN TASCHENHERBARIUM ZUM GEBRAUCH AUF BOTANISCHEN EXCURSIONEN. About 380 numbers, 70 p. text. Baireuth, 1820.
M

DATE OF PUBLICATION: Preface dated 1 Jun 1820. Announced as just published in Flora **3:** 750. 21 Dec 1820, but not noted as received by the Regensburg society until 1822.

The text was republished alone in 1821, and in 1822 there was a reissue of the text and specimens, apparently because the original had been sold out (Flora 5: 349. 1822).

The total numbers I take from Sydow 126; the FH copy has only 363. Margadant, Early Bryological Literature 119, points out that there are different numbers stated in different reviews, indicating that the copies are not uniform in this respect. He states that there are spaces on the pages for 422 species.

INDEX: Listed in a review by Hornschuch in Flora 6: 273–281. 1822.

LABELS: On the specimens, number and name only, lithographed. The numbering is consecutive for genera (1 *Phascum*) and under the genera for species (1.1 *Phascum subulatum* Linn.). New taxa are described in Latin in the text; thus plate 34, 2 *Diplocomium hexastichum* Funck is described on p. 43.

BMc, FHc, PCc, NYc

REMARKS: The text is an 8vo pamphlet which is in a portfolio together with 60 sheets (plates) holding small specimens.

The set is often cited under the abbreviation "Moostasch." It may not be an exsiccata under a strict interpretation of the word, but is often cited as such. See Funck's Cryptogamische Gewächse des Fichtelgebirg's, on page 25, General Cryptogams.

Funck's Deutschlands Moose represents the best of a class of publication of which the specimens are merely illustrations of the text. As such, they are not expected to meet the standards of uniformity and documentation demanded of the parts of an exsiccata. They are, however, serially numbered, and, in this case, significant for including at least a dozen of Funck's new taxa. I have included other, but not all, publications of this type, few as significant botanically as Funck's, but all having some claim to being an exsiccata. See: Wagner, Cryptogamen Herbarium; Durant, Algae and Corallines; Stenfort, Plantes de la mer; Mudd, Monograph of British Cladoniae; Blandow, Systematisch-tabellarische Sammlung von Laubmoose; Crome, Sammlung deutscher Laub-Moose; Gardiner, Twenty Lessons on British Mosses; Hahn, Moos-Herbarium; Hose, Herbarium vivum muscorum frondosorum; Thiele, Laub-Moose der Mittelmark; Trinius and Liboschitz, Description des mousses de St Pétersbourg; Zenker and Dietrich, Musci Thuringici.

Gardiner, William (?1809–1852).

TWENTY LESSONS ON BRITISH MOSSES; FIRST STEPS TO A KNOWLEDGE OF THAT BEAUTIFUL TRIBE OF PLANTS . . . ILLUSTRATED WITH SPECIMENS. 46 p., 18 specimens. Dundee (Mathers), 1846.

Second Series: 58 p., 25 specimens. 1849. Fourth Edition: 51 p., 25 specimens. 1852.

This is a small 12mo book. The first two lessons are introductory descriptions of the class, the following eighteen are descriptions of individual species of Musci, each accompanied by a specimen. The several editions are similar. Since the specimens are continuously numbered, the work may be defined as an exsiccata, but is chiefly interesting as a curiosity. Hooker called it "a work executed with much taste and written with much good feeling" (Lond. Jour.

Bot. 5: 244. 1846). Neither BM nor the Linnean Society of London has a third edition.

William Gardiner was the author of at least three editions of A Catalogue of British Mosses (ca 1840–1850), and of The Flora of Forfarshire, 308 p., 1848. According to Lond. Jour. Bot. 4: 497. 1845 the latter was to be accompanied by a series of 200 specimens. These may be the set of 75 specimens offered for sale by Herbarium 22, 1911 without author or date of issue, entitled Illustrations of the Cryptogamic Flora of Forfarshire. BM has a series of 16 bound quarto volumes with printed title: Illustrations of British Botany and the natural method of arrangement by William Gardiner. A handwritten note says, "to accompany the Flora of Forfarshire," and the dates 1850 and 1851. The specimens have handwritten, unnumbered labels, the dates of collection near 1848. There are also labels with the printed title, Ex Herb. William Gardiner, Dundee, without set numbers.

Gardner, George (1812–1849).

MUSCI BRITANNICI, OR POCKET HERBARIUM OF SPECIMENS OF BRITISH MOSSES. 285 numbers. Glasgow (Allen & Ferguson), 1836.

An 8vo book bound in red leather, with lithographed title page and labels. There is no text. The pages are marked in squares with a specimen on each square. Genus names have Roman numerals, their species are serially numbered within the genus. I, 1 *Andreaea alpina*. FHc

There are no authorities or citations. Hooker in Comp. Bot. Mag. 2: 3. 1836, said that the number of specimens in different copies varies from 200 to 250, but the copy offered in Herbarium 20, 1911, had 285.

Gardner's Musci and Hepaticae of Brazil (which included some lichens) will be described in Part V.

Girgensohn, Carl Gustav.

MUSCI FRONDOSI ET HEPATICAE EXSICCATAE. LAUB- UND LEBERMOOSE DER RUSSISCHEN OSTSEE-PROVINZEN IN GETROCKNETEN EXEMPLAREN. Fascicles I–V, numbers 1–250. Dorpat, 1849–1856.

M

DATES OF PUBLICATION AND REFERENCES: Dates and numbers from Mikutowicz, Bryotheca Baltica, 1908, p. 1–2, who says there were only a few copies prepared, with scanty specimens and handwritten labels. Fascicles 1–4, numbers 1–200, were exhibited in 1854, according to Sitzenber. Naturforscher-Ges. Dorpat 1: 134. Jan 1855. Other references to Girgensohn and his collections are in the same journal on p. 125, 144, 159, 162, 174.

Girgensohn. Uebersicht der bis jetzt bekannen Laub- und Lebermoose der Ostseeprovinzen [1854]. Archiv Naturforscher-Ges. Dorpat 1: 63–75. 1859. Non vidi.

Girgensohn. Naturgeschichte der Laub- und Lebermoose. Archiv Naturk. Dorpat. Naturforsch.-Ges. Ser. 2, 2(1): 1-488. 1860. Non vidi, said to cite the specimens.

Gottsche, see Rabenhorst and Gottsche.

Gravet, Pierre Joseph Frédéric (1827–1907).

BRYOTHECA BELGICA, HERBIER DES MOUSSES DE BELGIQUE. Fascicles I–VIII, numbers 1–383. Louette-Saint-Pierre, 1873–1875.

M

DATES OF PUBLICATION: The fascicles are dated, but Delogne in his Flora Cryptogamique de la Belgique **1:** 308, 1883 gives the end date as 1876. The total numbers are from the set at PC.

Fascicle	Numbers	Date	Announced
1–2	1–100	Mai 1873	Hedwigia **13:** 78–80. Mai 1874
3–4	101–200	Jan 1874	Hedwigia **13:** 190–191. Nov 1874
5–6	201–300	Jul 1874	
7–8	301–383	Aug 1875	Bot. Jahresb. **3:** 312. 1875

INDEX: Listed without numbers in Bull. Soc. Bot. Belg. as follows: Fascicles 1–2, **12:** 245–247. 1873; Fascicles 3–4, **12:** 445–447. 1873; Fascicles 5–6, **13:** 295–297. 1874. Fascicles 3–4 were listed in Hedwigia **13:** 190–191. Nov 1874.

LABELS: Printed, with title, number, name, authority, habitat, collecting data. 231 *Fontinalis squamosa* f *latifolia*, without authority or description (cited in Index Muscorum to Gravet in Bull. Soc. Bot. Belg. **13:** 370. 1874).

FHc, G, K, NY, PCc

REMARKS: Issued in loose leaf portfolios, 20 × 28 cm, with printed title page, at 10 francs per fascicle.

Index Herb. **2**(2): 236 divides the set into Musci, Fascicles 1–8, and Hepaticae, numbers 1–100, with the date of issue of both parts as 1872–1875. I have seen no hepatics with this label.

Gravet, Pierre Joseph Frédéric (1827–1907).

SPHAGNOTHECA BELGICA, HERBIER DES SPHAIGNES DE BELGIQUE. Fascicle I, numbers 1–70. Louette-Saint-Pierre (Arnoot-Braeckman), 1876.

M

DATE OF PUBLICATION: Dec 1876 on title page.

INDEX: Listed in Bull. Soc. Bot. Belg. **15:** 606. 1876. Some species are listed in reviews in Bot. Jahresb. **4:** 317. 1876, Rev. Bryol. **4:** 26. 1877, Verh. Bot. Ver. Brandenb. **19:** xxxii–xxxiv. 1877.

LABELS: Handwritten, with number, name, authority, habitat, and collecting data. On page 2 of the accompanying text the author remarks that Ångström has looked over these specimens and that printed labels with his determinations would be issued with the next fascicle (which never appeared). 1 *Sphagnum Girgensohnii* Russow. FHc, G, PCc

REMARKS: In loose leaf portfolios, 20 × 34 cm, the specimens in folders attached to the sheets. There are actually only 11 species, each in several examples.

Greschik, Viktor (1862–1946).

BRYOTHECA CARPATHICA. MUSCI FRONDOSI ET HEPATICAE IN MONTIBUS TATRA. 113 numbers. Leutschovae, 1894.

Cited by Boros, Fontes florae Hungaricae II: 32, 1944, Matouschek, Bot. Centralbl. **132:** 270. 1916, and Györffy in Bot. Múzeumi Füzetek **1:** 16. 1915 (non vidi). K. Karczmarz tells me that the labels are handwritten.

Grout, Abel Joel (1867–1947).

HAND-LENS MOSSES, ISSUED BY A. J. GROUT PH.D. Numbers 1–76(+) 1903(+).

M

DATE OF PUBLICATION: Received NY late in 1903, according to Jour. New York Bot. Gard. **5:** 19. Jan 1904. There were later distributions, the highest number I have seen is 153 *Drepanocladus uncinatus* (Hedw.) Warnst.

LABELS: Printed, with title, number, name, authority, English name, habitat, collector. 1 *Sphagnum acutifolium* Ehrh. FH, NY

Grout, Abel Joel (1867–1947).

NORTH AMERICAN MUSCI PERFECTI; ISSUED BY A. J. GROUT Ph.D. Numbers 1–475. Newfane, Vermont, 1925–1945.

M

DATES OF PUBLICATION: From reviews and accessions. Supplementary specimens were issued with later fascicles, with the original numbers followed by "A."

Numbers	Date	Source of Date
1–25	1925	Bryologist **28**(1) cover. Feb 1925
26–50		
51–75		1–75 accessioned NY 5 Jan 1927
76–100	1927	76–90 accessioned NY 19 Aug 1927
101–125	1927	Accessioned NY 19 Dec 1927
126–150	1928	Accessioned NY 8 Nov 1928
151–175	1929	Accessioned NY Jun 1929
176–200	1931	Accessioned NY 14 Feb 1931
201–225	1931	Accessioned NY 21 Sep 1931
226–250	Aug 1933	On index; accessioned FH 13 Nov 1933
251–275	Jul 1934	On index; accessioned FH 10 Sep 1934
276–300	1935	Accessioned FH 1 Oct 1935
301–325	Aug 1936	On index; accessioned FH 31 Aug 1936
326–350	Aug 1938	On index; accessioned FH 27 Sep 1938
351–375	Sep 1939	On index; accessioned FH 5 Oct 1939
376–400	Jul 1940	On index
401–425	Sep 1941	On index; accessioned FH 9 Oct 1941
426–450	Oct 1942	On index
451–475	Sep 1945	Bryologist **49:** 87. 1946

INDEX: Lists accompanied numbers 226–450. The first 100 numbers were listed in Rev. Bryol. n. s. **4:** 215. 1931. Numbers 251–425 were listed in Bryologist as follows: **37:** 105. 1934; **38:** 115. 1935; **40:** 64. 1937; **42:** 83. 1939; **43:** 172. 1940; **44:** 103. 1941; **45:** 47. 1942.

LABELS: Printed, with title, number, name, authority, collecting data. 384 *Grimmia alpicola* var *rivularis* f *acutifolia*, forma nov, described in Latin.

BM, FHc, G, NYc

REMARKS: The price was $3.50 per issue of 25 specimens, or $12.50 per century. On the back cover of Bryologist **46**(1). 1943, Grout advertised for additional specimens of certain numbers already issued, in order to make up deficiencies in sets still on hand. This implies that sets sold later were not identical with the original sets, at least for the some 50 numbers listed. Left-over specimens were sent out by Grout from time to time, some with labels handwritten by him or by myself and others of his assistants.

Grout, Abel Joel (1867–1947).

NORTH AMERICAN MUSCI PLEUROCARPI. Numbers 1–500. Newfane, Vermont, 1900–1922. SUPPLEMENT. Numbers 1–74. 1931–1942.

M

DATES OF PUBLICATION: On the indexes.

Numbers	Date	
1–12	Jan 1900	
13–25	Apr 1900	Accessioned NY Nov 1900
26–50	Feb 1901	"Just out," Bryologist 4(1) cover. Jan 1901; accessioned NY 10 Feb 1901
51–75	About Oct 1901	But Bryologist 4(3) cover, Jul 1901; accessioned NY 15 Oct 1901
76–100	Dec 1901	
101–125	17 Mar 1902	
126–150	23 Oct 1902	
151–175	9 Oct 1903	
176–200	5 Jun 1904	
201–225	18 Mar 1905	
226–250	26 Jan 1906	
251–275	28 Jun 1906	
276–300	28 Jan 1907	
301–325	13 Mar 1908	
326–350	1 Sep 1910	
351–375	8 Jul 1911	
376–400	Jun 1912	But Jul 1912 on cumulative index
401–425	Jul 1912	Numbers 376–400 accessioned at FH 1 Jul 1912
426–450	Feb 1915	Accessioned at FH 12 Feb 1915
451–475	29 Dec 1916	Accessioned at NY Mar 1917
476–488	Apr 1922	Received FH 10 Apr 1922
489–500		Last collecting date Jul 1925; received at NY 20 Jan 1926

Supplement

Numbers	Date	Source of Date
1–25	1929	Accessioned NY Jun 1929
26–46	1934	Accessioned FH 13 Jun 1934
47–59	1936	Accessioned FH 31 Aug 1936
60–74	1942	Accessioned FH 29 Sep 1942

INDEX: Grout issued indexes for numbers 1–299 in 1907, and for numbers 1–400, with some corrections and revisions, in 1912. Some issues were listed in reviews in Bryologist.

LABELS: Printed, with title, number, name, authority, collecting data. 493 *Fabronia Bartramii* sp nov, described in English; also described in Bryologist **29:** 4. 8 Mar 1926. FHc, G, NYc

REMARKS: Grout issued about 40 copies of this set, according to his advertisement on the cover of Bryologist **20**. 1917. The price was $7.50 per hundred; the Supplement $1.50 per ten.

Györffy, Barna (1911–x).

BRYOTHECA I. GYÖRFFY, CURAVIT B. GYÖRFFY. Fascicle I, numbers 1–50. Budapest, 1962.

H, M

DATE OF PUBLICATION: Sep 1962 according to B. Györffy in a personal communication; Aug 1962 on a note with the specimens; preface dated 19 Apr 1962.

INDEX: Accompanied the specimens; listed in Rev. Bryol. Lichénol. **31:** 283–284. 1962.

LABELS: Reproduced typewriting; with title, number, name, authority, collecting data. 1 *Andreaea nivalis* f *greschikii* Röll. NY

REMARKS: In the note, B. Györffy states that this is the first part to be issued of the collections left in the herbarium of I. Györffy at the time of his death in 1959. They are of about 700 specimens, mostly from the Tatra Mountains, determined by I. Györffy.

B. Györffy tells me that there were 60 copies, distributed by exchange, and that the set will continue.

Györffy, Istvan (1880–1959), and Márton Péterfi (1875–1922).

BRYOPHYTA REGNI HUNGARIAE EXSICCATA, EDITA A SECTIONE BOTANICA MUSEI NATIONALIS TRANSSILVANICI. AUCTORIBUS I. GYÖRFFY ET M. PÉTERFI. Volume I, numbers 1–50. Kolozsvár (Botanical Section of the National Museum of Transsilvania), 1916.

H, M

DATE OF PUBLICATION: From B. Györffy. The date on the fascicle is 1915, but on the accompanying schedae 25 Feb 1916. Schedae of Fascicles 2–3 were published 25 Apr 1919, but the specimens were never distributed (see below).

INDEX: Györffy and Péterfi. Schedae animadversiones diversae ad "Bryophyta regni Hungariae exsiccata." Bot. Múzeumi Füzetek Kolozsvár **1:** 10–73. 1915/1916 and **3:** 43–74. 1919.

The labels of Fascicle 1 were also published in abbreviated form in Botan. Közlemények **15**: 60–62. 1916, according to B. Györffy.

REFERENCES: Reviewed in Hedwigia Beibl. **59**: (13)–(14). 1917, Rev. Bryol. **48**: 78. 1921, and Magyar Bot. Lapok **15**: 109–110. 1916.

B. Györffy in the note with Bryotheca I. Györffy, and in Rev. Bryol. Lichénol. **31**: 283. 1962, gives further information on the history of this set.

There is an obituary and bibliography of I. Györffy in Rev. Bryol. Lichénol. **28**: 280–289. 1959, and of Péterfi in Bull. Soc. Ştiinte Cluj 1: 597–603. 1923 (non vidi).

LABELS: Non vidi. According to B. Györffy, printed, with title, number, name, authority and citations, collecting data. 23 *Molendoa Sendtneriana* f *plantae lucigenae*, described.

REMARKS: Issued in a bound fascicle 24 × 20 cm. Thirty copies were prepared for exchange.

I. Györffy in Folia Crypt. **1**: 25–40. 1924 (abstracted in Bryologist **27**: 102. 1924) stated that he and Péterfi had collected 989 numbers of bryophytes for this set, but only the first fascicle was issued. Fascicles 2–3, all *Sphagnum*, were completed in 1919 but not sent out owing to the war. The unissued specimens were expropriated, and in 1924 some of them were being issued under the title Flora Romanica exsiccata. In this article he listed 253 mosses, 64 hepatics, and several unidentified species, with data from his field notes, which he had intended to issue.

Habeeb, Herbert (1917–x).

MUSCI NOVI BRUNSVICI, ISSUED BY HERBERT HABEEB. Fascicles I–IV, numbers 1–95. Grand Falls, New Brunswick, 1943–1948.

M

DATES OF PUBLICATION AND INDEX: Dates supplied by the author.

Fascicle	Numbers	Date	Listed in Arcadian Nat.	Accessioned NY
1	1–25	Sep 1943	**1**: 83. 1943	20 Sep 1943
2	26–50	Jul 1944	**1**: 172. 1944	1 Sep 1944
3	51–75	Aug 1945	**2**: 122. 1946	11 Sep 1945
4	76–94	Nov 1948		

REFERENCES: Habeeb. Notes on the moss flora of New Brunswick. Arcadian Nat. **1**: 70–74. 1943, and **1**: 127–134. 1944.

Reviewed in Bryologist **48**: 203. 1945.

LABELS: Title printed; number, name, authority, collecting data handwritten. 1 *Bartramia pomiformis* Hedw. FH, NY

REMARKS: Issued in packets. According to Habeeb, 25 copies were prepared, for exchange.

Hahn, Gotthold.

MOOS-HERBARIUM. I. MUSCI FRONDOSI—II. MUSCI HEPATICAE. Numbers 1–90. Gera (Kanitz), 1882.

H

DATE OF PUBLICATION: Announced in Bot. Centralbl. **10:** 268. 1882 and Bot. Jahresb. **10:** 364. 1882. Sydow 127. There is an advertisement pasted in the front of Hahn's Die Lebermoose Deutschlands (90 p., 1885) with the title of the exsiccata and a list of 90 species. All are hepatics, and the numbering is that of the plates in the book. The same advertisement, with the same numbers, appears in the second edition of the book in 1894. I have found no Musci.

LABELS: Non vidi. See 1 *Sarcoscyphus sphacelatus*.

REMARKS: Offered in a 4° portfolio at 4 marks, along with his Flechten-herbarium (see page 128, Lichenes).

Hartman, Robert Wilhelm (1827–1891).

BRYACEAE SCANDINAVIAE EXSICCATAE. CURANTE ROB. HARTMAN. Fascicles I–XV, numbers 1–450. Gevaliae (Landin; Fascicles 14–15, typis Lindholm), 1857–1874.

M

DATES OF PUBLICATION: From title pages; Fascicles 5–15 also in Krok.

Fascicle	Numbers	Date
1–2	1–60	1857
3–4	61–120	1858
5–6	121–180	1859
7–8	181–240	1860
9	241–270	1862
10	271–300	1863
11–12	301–360	1865
13	361–390	1868
14	391–420	1873
15	421–450	1874

INDEX: Issued with the fascicles. A list of Fascicles 1–13 appeared in the 10th edition of C. Hartman's Hankbok i Skandinaviens Flora, 1870–1871. Fascicles 14 and 15 were listed by number in Rev. Bryol. **10:** 106–107. 1883.

LABELS: Printed, without title; with number, name, authority, locality, collector. 431 *Orthotrichum anomalum* Sch. BMc, FHc, K

REMARKS: Bound volumes, 24 × 19 cm.

Hassenstein, Karl Heinrich.

DIE LAUBMOOSE THÜRINGENS, GESAMMELT UND BESTIMMT VON K. HR. HASSENSTEIN. Numbers 1–254.

M

A decorated book-like box, at FH; on the spine, printed in gold, Musci frondosi Thuringiae. There is a title page and list in handprinting and loose pages marked off for small specimens. The labels are in facsimile handprinting, with number, name, authority, habitat. 1 *Phascum serratum* Schreb.

Hattori, Sinske (1915–x).

HEPATICAE JAPONICAE EXSICCATAE. Series I–XVII, numbers 1–850. Obi, Kyushu, Japan, 1946–1969.

H

DATES OF PUBLICATION: From labels and the accompanying indexes.

Series	Numbers	Date
1	1–50	Dec 1946
2	51–100	1947
3	101–150	1950
4	151–200	1951
5	201–250	Dec 1952
6	251–300	Jul 1954
7	301–350	1 Apr 1956
8	351–400	1 Dec 1956
9	401–450	1 Jan 1958
10	451–500	Dec 1958
11	501–550	Mai 1960
12	551–600	Jul 1960
13	601–650	Apr 1963
14	651–700	Apr 1965
15	701–750	Oct 1967
16	751–800	1969
17	801–850	1969

INDEX: Lists were published on the covers of the Jour. Hattori Bot. Club; cumulative alphabetical indexes were in the same journal **12**: 76–89. 1954 (Series 1–6) and **25**: 163–185. 1962 (Series 1–12). Some series were listed in reviews, especially in Rev. Bryol. Lichénol.

REFERENCES: New taxa were published at various times in Jour. Hattori Bot. Club.

LABELS: Printed, with title, series number and date, number, name, authority, collecting data. 60 *Plectocolea rubripunctata* S. Hattori sp nov, not described.

BMc, FH, G, NY

REMARKS: Issued in packets.

Hattori was an editor of Musci Japonicae exsiccatae; see under Noguchi.

Haynes, Carolyn Coventry (1858–1951).

AMERICAN HEPATICAE. PREPARED BY CAROLYN COVENTRY HAYNES. Decades I–XII, numbers 1–120. Highlands, New Jersey, 1908–1913.

H

DATES OF PUBLICATION: From accessions; slightly earlier dates of receipt of Decades 7–8 (1910) and 9–10 (1911), are in the annual reports of the Sullivant Moss Society, published in Bryologist, but the reports are not precisely datable. Revised labels for numbers 38, 39, 47, 49, and 60 were issued with Decades 7–8.

Decade	Numbers	Date	Accessioned
1–2	1–20	1907	Feb 1907, FH; 28 Mai 1907, BM
3–4	21–40	1908	22 Jun 1908, FH; Mai 1908, NY; 2 Jun 1908, BM
5–6	41–60	1909	Dec 1909, FH; Jun 1910, NY; Dec 1909, BM
7–8	61–80	1911	18 Feb 1911, FH; Feb 1911, NY; 28 Mar 1911, BM
9–10	81–100	1912	30 Apr 1912, FH; Feb 1912, NY; 31 Jan 1912, BM
11–12	101–120	1913	5 Mai 1913, FH; Apr 1913, NY; 16 Apr 1913, BM

LABELS: Printed, with title, number, name, authority, collecting data. 5 *Nardia crenulata* (Smith) Lindb. BMc, DBN, FHc, G, NYc

REMARKS: According to a printed prospectus, the specimens were in part those left from Underwood's Hepaticae Americanae, q.v., and in part of Miss Haynes's collecting. The price was $1.50 for two decades. Twenty sets were prepared.

Hodgson, Emily Amy, and K. W. Allison.

HEPATICAE EXSICCATAE NOVAE ZELANDIAE. ED. E. A. HODGSON AND K. W. ALLISON. Series I, numbers 1–25(?). Series II, numbers 1–25. Wairoa, New Zealand, 1935–1936.

H

DATES OF PUBLICATION: On the labels; Series 1, 1935, Series 2, 1936.

LABELS: Handwritten, with title, series number and date, number, name, authority, collecting data. Series 1, 17 *Lejeunea nudipes* H.f. & T. Series 2, 1 *Chiloscyphus allodonta* (H.f. & T.). FH

REMARKS: Hodgson and Allison were co-authors of Musci exsiccatae Novae-Zelandiae; see under Sainsbury, Hodgson, and Allison.

Holmen, Kjeld Axel (1921–x).

BRYOPHYTA DANICA EXSICCATA. Parts I–V, numbers 1–474. Copenhagen (Botanical Museum, University), 1951–1959.

H, M

DATES OF PUBLICATION: From the author.

Part	Numbers	Date	Accessioned
1	1–92	24 Oct 1951	9 Apr 1952, NY
2	93–187	12 Jan 1952	28 Aug 1952, NY
3	188–283	17 Jun 1953	25 Jun 1954, NY
4	284–379	14 Mar 1956	Apr 1956, NY and FH
5	380–474	15 Jun 1959	Jan 1960, FH

INDEX: Printed lists were issued with the parts. Schedae have been printed at the times of issue, but have not yet been fully distributed.

LABELS: Printed, with title, number, name and authority, collecting data. 1 *Riccia sorocarpa* Bisch. 439 *Tortella glareicola* Christ., isotype. FHc, G, K, NY, PC

REMARKS: Issued in packets. Fifty copies prepared for exchange with herbaria.

The first three parts contain specimens collected and determined by Christian Erasmus Ottostrøm Jensen (1859–1941) and August Hesselbo (1874–1952). The later parts have some Jensen and Hesselbo specimens, but the majority are collected and determined by Holmen, with a few by H. Mölholm Hansen and Tyge Christiansen (1918–x).

Holzinger, John Michael (1853–1929).

MUSCI ACROCARPI BOREALI-AMERICANI. DISTRIBUTED BY JOHN M. HOLZINGER. Fascicles I–XXVII, numbers 1–675. Winona, Minnesota, 1904–1929.

The title from Fascicle 22 is Musci acrocarpi Boreali-Americani et Europaei.

M

DATES OF PUBLICATION: From accessions and from announcements in Bryologist; Fascicle 9 is dated on the index. Exact dates of publication of Bryologist, in parentheses, are from the subsequent issue.

Fascicle	Numbers	Date	Accessioned	Bryologist
1	1–25	1904	FH, 16 Mar 1904	**7**: 43. (2 Mai) 1904
2	26–50	1904	FH, 16 Mar 1904	**7**: 62. (1 Jul) 1904
3	51–75	1904	FH, 5 Apr 1904	**7**: 62. (1 Jul) 1904
4	76–100	1904	FH, 17 Sep 1904	**7**: 99. (1 Nov) 1904
5	101–125	1904	FH, 4 Jan 1905	**8**: 6. (27 Dec 1904) 1905
6	126–150	1905	NY, 30 Mar 1905; FH, 18 Apr 1905	
7	151–175	1905	NY, 4 Aug 1905; FH, 20 Aug 1905	
8	176–200	1905	NY, 30 Dec 1905; FH, 20 Jan 1906	**9**: 17, 24. (3 Mar) 1906
9	201–225	24 Dec 1906	NY, 2 Oct 1906; FH, 7 Oct 1906	**9**: 105. (1 Nov) 1906
10	226–250	1907	NY, 10 Oct 1907	**11**: 96. (1 Sep) 1908
11	251–275	1910	FH, 13 Sep 1910	**13**: 85. (2 Jul) 1910
12	276–300	1911	NY, Oct 1911; FH, 4 Jun 1912	**14**: 75. (6 Jul) 1911
13	301–325	1913	FH, 30 Jan 1913	**16**: 31. (Mar) 1913
14	326–350	1916	FH, 20 Mar 1916	**19**: 49. (26 Mai) 1916

Fascicle	Numbers	Date	Accessioned	Bryologist
15	351–375	1917	NY, 3 Mar 1917; FH, 5 Mai 1917	**21:** 19. (15 Mar) 1918
16	376–400	1920	FH, 15 Jun 1920	**23:** 62. (17 Sep) 1920
17	401–425	1921	NY, 1 Apr 1921	**24:** 47. (21 Sep) 1921
18	426–450	1922	FH, 11 Feb 1922	**25:** 37. (22 Mai) 1922
19	451–475	1922	NY, 1 Jun 1922	**25:** 93. (7 Nov) 1922
20	476–500	1922	FH, 11 Feb 1922	**25:** 37. (22 Mai) 1922
21	501–525	1924	NY, 11 Aug 1924	**27:** 78. (15 Nov) 1924
22	526–550	1925	NY, 12 Jun 1925	**28:** 68–69. (24 Oct) 1925
23	551–575	1926	NY, 3 Apr 1926	**29:** 31. (13 Mai) 1926
24	576–600	1926	NY, 14 Aug 1926	**29:** 63. (12 Oct) 1926
25	601–625	1927	NY, 30 Mai 1927	**30:** 53–54. (15 Sep) 1927
26	626–650	1927	NY, 23 Nov 1927	**31:** 19. (15 Mar) 1928
27	651–675	1929	NY, Apr 1929	**32:** 61. (15 Nov) 1929

INDEX: Cumulative indexes were printed at least for Fascicles 1–16. From Fascicle 17, some or all of the numbers were listed in Bryologist reviews; several issues were listed without numbers in Rev. Bryol.

REFERENCES: Descriptions of new taxa were commonly printed in Bryologist, either by Holzinger, who also provided corrections of earlier numbers, or in reviews. Descriptions on the labels were usually prior to those in the journal; it should be noted that during much of this period the journal was several months behind its mast-head date.

LABELS: Printed, with title, number, name, authority, collecting data. 590 *Fissidens manateensis* Grout sp nov, described in English. This pre-dates the description in Bryologist **29:** 63. 1926. FHc, NYc

REMARKS: Issued in packets. The prospectus in Bryologist **6:** 105. 1903 said that more than 25 sets would be sold at $1.50 per fascicle.

Holzinger, John Michael (1853–1929).

Holzinger was Professor of Elementary Science and Botany at the State Teachers College in Winona, Minnesota, from 1882 to 1922, except for three years (1890–1893) during which he served with the United States Department of Agriculture (Ewan, Rocky Mountain Naturalists 232–233). His major exsiccata was Musci Acrocarpi Boreali-Americani (see page 213) but he also

distributed many specimens of mosses collected by himself and others, the labels with printed titles and handwritten data. Most are without numbers of any kind; the following, however, have serial numbers and thus constitute exsiccatae. Their labels have the title, collector, and year of collection printed, the number, name, authority and locality handwritten.

HERB. J. M. HOLZINGER: MOSSES OF IDAHO. 153 *Scouleria aquatica* Hook., collected by J. H. Sandberg 1892. (FH)

MOSSES OF MINNESOTA. DISTRIBUTED BY J. M. HOLZINGER. 62 *Barbula mucronifolia* B. S., collected by J. M. H. 1895. (FH) Accessioned NY 18 Jul 1902 and 6 Jan 1904.

MOSSES OF COLORADO. DISTRIBUTED BY J. M. HOLZINGER: COLLECTED BY CARL F. BAKER 1896. Numbers 1–50. 17 *Grimmia calyptrata* Hook. (FH, PC)

MOSSES OF NORTH-WEST MONTANA. .DISTRIBUTED BY J. M. HOLZINGER. 3 *Andreaea petrophila* Ehrh., collected by J. M. H. and James B. Blake 1898. (FH) Reference: Jones in Bull. Univ. Montana Biol. Ser. 14, 1910. Accessioned NY 12 Mar 1900.

Horikawa, Yoshiwo (1902–x).

BRYOTHECA ARCHIPELAGI-JAPONICA ET MICRONESIA (EXSICCATAE). Series I–IV, numbers 1–200. Hiroshima, 1946–1949.
H, M

DATES OF PUBLICATION AND INDEX: Dates and lists in Hikobia **1**: 39, 39–40, 40–41, 41–42. 1950.

Series	Numbers	Date
1	1–50	1946
2	51–100	1947
3	101–150	1948
4	151–200	1949

REFERENCE: Cited in Horikawa, Enumeratio bryophytorum Archipelago-Japonicarum. Jour. Sci. Hiroshima Univ. Ser. B, Div. 2, **6**: 11–25. 1951.

LABELS: Non vidi. See 3 *Blasia pusilla* L., 170 *Aulacomnium heterostichum* (Hedw.) B. & S.

Howe, Marshall Avery (1867–1936).

HERB. UNIVERSITY OF CALIFORNIA. HEPATICAE CALIFORNICAE.
H

DATE OF PUBLICATION: Howe was Instructor in Cryptogamic Botany at the University of California from 1891 to 1896.

REFERENCES: Howe's major work on bryophytes was his doctoral thesis, The Hepaticae and Anthocerotes of California, 208 p., Mem. Torrey Club **7**, 1899. He also wrote the section on Hepaticae, p. 225–303, in the 3rd edition of Grout's Mosses With a Hand-Lens, 1924.

LABELS: Title and collector (Marshall A. Howe) printed; number, name and authority, collecting data written. 15 *Anthoceros filiformis* Aust., collected in 1893.

REMARKS: Howe was Curator of the Herbarium at Columbia College from 1899–1901, then Curator and eventually Director at NY until his death. After coming to NY his chief research was on marine algae. (Am. Men of Science; Jour. New York Bot. Garden **38:** 25–32. 1937; Bryologist **40:** 33–36. 1937)

Howitt, Godfrey (1800–1873), and William Valentine (d. 1884).

MUSCOLOGIA NOTTINGHAMIENSIS; OR, A COLLECTION OF MOSSES, FOUND CHIEFLY IN THE NEIGHBORHOOD OF NOTTINGHAM: ARRANGED IN FASCICULI, WITH DESCRIPTIONS AND OCCASIONAL REMARKS. Fascicles I–III, numbers 1–24. Nottingham (Bennett), 1883.

M

DATES OF PUBLICATION: From title pages. The fascicles are also called "Numbers."

Fascicle	Numbers	Date
1	1–8	1 Mai 1833
2	9–16	1 Jul 1833
3	17–24	Sep 1833

LABELS: Printed, with number, name, and reference to Hooker and Taylor's Muscologia Britannica. 1 *Sphagnum obtusifolium.* BMc

REMARKS: Paper bound booklets, 14 × 22 cm, each with one or two pages of text and specimens on double folded pages.

Hübener, Johann Wilhelm Peter (1807–1847).

DEUTSCHLANDS LAUBMOOSE IN GETROCKNETEN EXEMPLAREN Fascicle 1, numbers 1–25. Mainz (Kupferberg), 1839.

M

DATE OF PUBLICATION: From title page; preface dated Mai 1839.

INDEX: Listed without numbers in Linnaea Lit. Ber. **1839:** 167–168.

REFERENCE: Hübener was the author of Muscologia Germanica, 722 p., 1833.

LABELS: Printed, with number, name, authority, habitat, locality. 1 *Pyramidium tetragonum* Brid. At FH, number 25 has no name. FHc, G, PCc

REMARKS: Format uniform with Hübener and Genth, Deutschlands Lebermoose. At L there are unnumbered labels with "Hübener's Moostaschherbar" written on (*Anacalypta lanceolata* [Dicks.]).

Hübener, Johann Wilhelm Peter (1807–1847), and Carl Friedrich Ferdinand Genth (1810–1837).

DEUTSCHLANDS LEBERMOOSE IN GETROCKNETEN EXEMPLAREN. Fascicles I–V, numbers 1–125. Mainz (Kupferberg), 1836–1839. Fascicle 5 was by Hübener alone.

H

DATES OF PUBLICATION:

Fascicle	Numbers	Title Page Date	Preface	
1	1–25	1836	Aug 1836	
2	26–50	1836		
3	51–75	1837	Jul 1837	
4	76–100	1837		Fascicles 3–4, AVB 1837/1838: 112
5	101–125	1839	Apr 1839	Fascicles 5–6, AVB 1839 (Easter): 93

I have not found a Fascicle 6; the prospectus in Flora 18 Intell. 1(2): 26–28. 1835 said there would be 8. There were supplementary numbers with at least Fascicle 3.

INDEX: Some species of Fascicles 1–2 were listed in the review in Linnaea Lit. Ber. **1837:** 50.

REFERENCES: Many of the new taxa had been described in Hübener's Hepaticologia Germanica, 314 p., 1834.

Genth was the author of Cryptogamenflora des Herzogthum Nassau, 459 p., 1836.

LABELS: Printed, with number, name, authority, habitat, locality in Latin. 41 *Jungermannia crenulata* var *uliginosa* H. et G., without description. FH, G, PCc

REMARKS: Paper-bound booklets 13 × 20 cm. The price was 1 Prussian thaler per fascicle.

Hübener hepatic specimens were issued later by PC on labels with Herb. Mus. Paris printed above and Hépatiques d'Europe—Collection Hübner below. The name, authority, and citation are handwritten. *Ptilidium ciliare* Nees. PC has at present a quantity of Hübener material with original incomplete labels.

Husnot, Pierre Tranquille (1840–1929).

GENERA MUSCORUM EUROPAEORUM EXSICCATA. Numbers 1–107. Cahan, 1874.

M

DATE OF PUBLICATION: 20 Sep 1874, according to Rev. Bryol. 1: 48. 1874.

LABELS: Printed, with number and name only. 1 *Ephemerum serratum.* NYc, PCc

REMARKS: Loose leaf portfolios with title page, preface, and two pages of index, followed by sheets with about a dozen small specimens each. The specimens are illustrative only, and there is no indication that any number represents a single collection. The price was 8 francs.

In the preface the author refers to his Flore analytique et descriptive des mousses du Nord-Ouest . Accompanée d'une description des organes de la végétation et de la reproduction des mousses: Avec échantillons intercalés dans le texte et deux planches lithographiées, 1873. I have seen a copy at PC. The nine specimens represent anatomical features and are unnamed.

Husnot, Pierre Tranquille (1840–1929).

HEPATICAE GALLIAE, HERBIER DES HÉPATIQUES DE FRANCE. Fascicles I–IX, numbers 1–231. Cahan (T. Husnot), 1870–1901.

The title of each fascicle cites as authors the names of bryologists who have contributed specimens. The names include most of the contemporary French cryptogamists, and some foreigners. Husnot's name is on the spine, and at the foot of the title page as publisher, but is only one among others as author.

H

DATES OF PUBLICATION: The fascicles are undated; I take the probable dates from reviews, and from internal evidence.

Fascicle	Numbers	Probable date	Reviews
1	1–25	1870, written on at PC	Bull. Soc. Bot. Belg. **10:** 34–35. 1871
2	26–50	1872	Bull. Soc. Bot. Belg. **11:** 140–141. 1872
3–4	51–100	1875	Bull. Soc. Bot. Belg. **14:** 93–94. 1875
5	101–125	10 Jan 1881	Rev. Bryol. **7:** 24. Jan–Feb 1881
6	126–150	1883	Rev. Bryol. **10:** 76. Jul–Aug 1883
7	151–175	Oct 1888	Rev. Bryol. **15:** 94. Nov–Dec 1888
8	176–200	1890	Rev. Bryol. **17:** 16. Jan–Feb 1890
9	201–231	13 Jun 1901, written on at PC	Rev. Bryol. **28:** 80. Jul–Aug 1901

INDEX: Species are listed in the reviews in Bull. Soc. Bot. Belg. and Rev. Bryol.

REFERENCE: Husnot's Hepaticologia Gallica, 102 p., 1875–1881 cites specimens of the first 5 fascicles of the exsiccata. Dates of issue are important for new combinations. I have not seen a copy with its original fascicle covers, but from the reviews in Rev. Bryol. the dates are as follows:

Fascicle	Pages	Date	Rev. Bryol.
1	1–30	late 1875	**2:** 104. 1875
2	31–62	10 Jan 1881	**8:** 24. 1881
3	63–102	15 Mai 1881	**8:** 56. 1881

Husnot was the founder of Revue Bryologique, and its editor through volume 53 of 1926.

LABELS: Printed, with title, number, name, authority, synonyms, habitat. New taxa not described, attributed to one of the authors of the fascicle. 146 *Plagiochila Rousseliana* Trabut. BMc, FHc, G, K, PCc

REMARKS: The fascicles are 8vo portfolios with printed title page and index, the specimens on loose sheets.

Husnot, Pierre Tranquille (1840–1929).

MUSCI GALLIAE, HERBIER DES MOUSSES DE FRANCE. Fascicles I–XIX, numbers 1–959. Cahan (T. Husnot), 1870–1907.

M

DATES OF PUBLICATION: Fascicles 1–10 are dated on the Index alphabeticus published in 1873. Subsequent dates from reviews.

Fascicle	Numbers	Date
1	1–50	Jan 1870
2	51–100	Mai 1870
3	101–150	Aug 1870
4	151–200	Mai 1871
5	201–250	Jul 1871
6	251–300	Dec 1871
7	301–350	Jul 1872
8	351–400	Jul 1873
9	401–450	Nov 1873
10	451–500	Dec 1873
11	501–550	1 Feb 1875 in Rev. Bryol. **2:** 16. 1875
12	551–600	Last collecting date Jul 1876
13	601–625	15 Jan 1880 in Rev. Bryol. **7:** 16. 1880
	626–650	Jan 1881 in Rev. Bryol. **8:** 24. 1881
14	651–700	1882 in Rev. Bryol. **9:** 48 (Mai–Jun), and 62 (Jul–Aug) 1882
15	701–750	1884 in Rev. Bryol. **11:** 32. Mar–Apr 1884
16	751–800	1 Apr 1887 in Rev. Bryol. **14:** 32, 48, 1887
17	801–850	1892 in Rev. Bryol. **19:** 107. Nov–Dec 1892
18	851–900	Late in Jan 1897 in Rev. Bryol. **24:** 16. Jan–Feb 1897
19	901–959	Accessioned BM 10 Aug 1907, FH 20 Sep 1907

INDEX: Fascicles 1–10 in a cumulative index published in 1873; Fascicles 12–18 in the Rev. Bryol. reviews; Fascicles 2, 6, 10 listed in Bull. Soc. Bot. Belg. **9:** 142–143. 1870, **10:** 322. 1871, **12:** 447–448. 1873.

REFERENCE: Numbers are cited in Husnot's Muscologia Gallica from the beginning of publication of the book and while the book and the exsiccata were proceeding simultaneously. The parts of the book appeared as follows, according to Rev. Bryol.

Pages	Plates	Date	Rev. Bryol.
1–32	1–10	20 Feb 1884	**11:** 16. 1884
33–64	11–18	15 Oct 1884	**11:** 79. 1884
65–96	19–26	15 Jul 1885	**12:** 64. 1885
97–128	27–36	Jun/Jul 1886	**13:** 48. 1886
129–160	37–44	Mar/Apr 1887	**14:** 29. 1887
161–192	45–52	Sep/Oct 1887	**14:** 78. 1887
193–224	53–60	15 Jul 1888	**15:** 63. 1888
225–256	61–68	Nov/Dec 1889	**16:** 95. 1889

Pages	Plates	Date	Rev. Bryol.
257–284	69–79, and reprints of 1–10	Jun/Jul 1890	**17:** 60. 1890
	(Key, end of acrocarps)		
285–316	80–87	Mai/Jun 1892	**19:** 46. 1892
317–348	88–97	Jul/Aug 1893	**20:** 78. 1893
349–380	98–105	Mar/Apr 1894	**21:** 32. 1894
381–412	106–115	Jun 1894	**21:** 48. 1894
413–458	116–125	Oct 1894	**21:** 80. 1894

The genus *Orthotrichum* was by Venturi and the *Harpidium* section of *Hypnum* by Renauld.

LABELS: Printed, with title, number, name, authority and synonymy, habitat. 551 *Gymnostomum unguiculatum*, described in French by Philibert; 861 *Grimmia trichophylla* var *vivariensis*, without author or description; 916 *Bryum pallescens* var *bottnicum*, described in Latin by Arnell. BMc, FHc, G, K, NY, PCc

REMARKS: Loose leaf portfolios.

Fascicle 19 contains some specimens from Sweden.

Inoue, Hiroshi.

BRYOPHYTA SELECTA EXSICCATA. Fascicle I, numbers 1–50. Tokyo (National Science Museum), 1 Mar 1970.

H, M

DATE OF PUBLICATION AND INDEX: Dated and printed schedae with the specimens. Accessioned at NY 11 Mar 1970. There are 25 hepatics and 25 mosses.

LABELS: Printed, with number, name, authority and reference, locality, habitat, date of collection, collector, determiner.

Karczmarz, Kazimierz (1933–x).

HEPATICAE EXSICCATI PALATINATUS LUBLINENSIS-POLONIA. CURAVIT: KAZIMIERZ KARCZMARZ. Fascicles I–III, numbers 1–60. Lublini (Instituto Botanicae Systematicae et Geographiae Plantarum, Universitatis Mariae Curie-Skłodowska), 1965–1968.

H

DATES OF PUBLICATION: From the author.

Fascicle	Numbers	Date	
1	1–20	1965	Schedae dated 22 Nov 1965
2	21–40	1966	Accessioned NY 9 Nov 1966
3	41–60	1968	Schedae dated 6 Sep 1968

INDEX: Schedae issued in booklets, with map and geographical data. Fascicles 1–2 listed by number in Rev. Bryol. Lichénol. **36:** 393–394. 1968.

LABELS: Printed, with title, number, name and authority, collecting data in Polish. No new taxa. 1 *Riccia sorocarpa* Bisch. NY

REMARKS: Issued in packets.

Karczmarz, Kazimierz (1933–x).

MUSCI EXSICCATI PALATINATUS LUBLINENSIS-POLONIA. Fascicles I–V, numbers 1–180. Lublini (Instituto Botanicae Systematicae et Geographiae Plantarum, Universitatis Mariae Curie-Skłodowska), 1962–1968.

M

DATES OF PUBLICATION: From the author.

Fascicle	Numbers	Date	
1	1–40	1962	Listed Rev. Bryol. Lichénol. **31:** 284. 1962
2	41–80	1964	Received NY 10 Jan 1965
3	81–120	1965	Received NY 9 Nov 1966
4	121–150	2 Nov 1966	Received NY 9 Nov 1966
5	151–180	1968	

INDEX: Schedae in booklets, with map and geographical data. Fascicles 1–4 listed in Rev. Bryol. Lichénol. **36:** 394. 1968.

LABELS: As in the author's Hepaticae exsiccati. There are new combinations. 146 *Calliergon cuspidatum* var *acuteramosa* (Bauer) emend. Kar. NY

REMARKS: Issued in packets.

Kiaer, Frantz Casper (1835–1893).

MUSCI MADAGASCARIENSES, HERB. KIAER [legit. M. Borgen, 1877–1879].

M

DATE OF PUBLICATION: Before 1888, since Kiaer's names of new taxa are cited in Wright, Mosses of Madagascar, Jour. Bot. Lond. **26:** 263–268. 1888. Wright cites the specimens to number 146 *Porotrichum Madagassum* Kiaer.

REFERENCES: New species were described by, among others, C. Müller in Linnaea **40:** 225–300. 1876, and Bescherelle in Annales Sci. Nat. Bot. Paris Ser. 2, **9:** 291–380. 1878 and **10:** 233–332. 1880.

Paris, Index Bryol., cites many numbers, e.g., *Hypnum afro-cupressiforme* C. M. in Borgen M. Mad. n. 67.

Hampe in Linnaea **38:** 207–222. 1894 described the collections of Borgen and Borchgrevink, both of whom were Norwegian missionaries.

There is an obituary of Kiaer in Rev. Bryol. **20:** 111–112. 1893.

LABELS: Title, habitat in Latin, locality, date of collection, and collector printed. Number, name, authority, handwritten. The many new taxa are not described. 16 *Mnium Madagascarienses* sp nov (attributed to Kiaer by Wright and by Renauld, Prodrome de la flore bryologique de Madagascar, 1897, p. 170). L

At PC there are labels of a different distribution, with the notation in rubber stamp: in ins. Madagascar, leg. Borgen, Hb. Kiaer. 202 *Macromitrium* (unidentified), collected in 1882.

REMARKS: According to Index Herb. 2(1): 86, G. Borgen collected in Madagascar in 1869–1877. The dates on these labels are of later collection, 1877–1879. Borgen's Madagascar hepatics, collected 1877–1882, were sent by Kiaer to W. H. Pearson, who described the new species in Förhandl. Vidensk.-Selsk. Christiania in 1890, 1892, and 1893.

He also collected mosses in Africa, Natal Province, and new taxa were described by Hampe in Bot. Zeit. **28:** 33–38. 1870.

Kneiff, Friedrich Gotthard (1785–1832), and Ch. Ph. W. Maerker.

MUSCI FRONDOSI QUAS IN ALSATIA, VARIISQUE HELVETIAE ET GERMANIBUS PARTIBUS COLLEGERUNT F. G. KNEIFF ET CH. PH. W. MAERKER. Fascicles I–X, numbers 1–250. Argentorati (Silbermann), 1825–1832.

M

DATES OF PUBLICATION: From fascicle covers.

Fascicles	Numbers	Date
1–2	1–50	1825
3–4	51–100	1826
5–6	101–150	1827
7–8	151–200	1829
9–10	201–250	1832

INDEX: Alphabetical list included.

REFERENCES: Fascicles 1–7 were reviewed in Linnaea Lit. Ber. **1830:** 58; Fascicles 9–10 in Archives Bot. Paris **1:** 566–567. 1833.

LABELS: Printed, with number, name, authority, habitat. 1 *Phascum subulatum* Linn. FHc, PCc, STR

REMARKS: Bound volumes, 12 × 19 cm; title on the front cover, index on the back; one specimen per page.

Kohlhoff, C. Fr., and Fr. Hintze.

KRYPTOGAMENHERBAR VON POMMERN UND DEN ANGRENZENDEN GEBIETEN NORDÖSTDEUTSCHLANDS: LAUBMOOSE, TORFMOOSE. Numbers 1–200. 1908.

M

DATE OF PUBLICATION: In Bot. Jahresb. **36:** 68. 1908. Numbers 1–193 are Musci; 194–200 are Sphagna.

REFERENCE: Hintze was the author of Beiträge zur Moosflora von Pommern. Allg. Bot. Zeitschr. **11:** 151–154. 1905.

LABELS: Non vidi.

Kopsch, August.

BRYOTHECA SAXONICA. Centuries I–VI, numbers 1–600. Leipzig (Weigel), 1919–1936.

H, M

DATES OF PUBLICATION AND INDEX: On the accompanying list.

Century	Numbers	Date	
1	1–100	1919	Hedwigia Beibl. **62:** (82). 1920; Oesterr. Bot. Zeitschr. **69:** 87. Jan–Mar 1920
2	101–200	1922	Oesterr. Bot. Zeitschr. **71:** 150. Apr–Jun 1922; Centuries 1–2 received BM 31 Mar 1922
3	201–300	1926	Hedwigia Beibl. **67:** (90). Mai 1927; received BM 24 Feb 1926
4	301–400	1929	Nov in Herbarium 81, 1929; Hedwigia Beibl. **69:** (95). Sep 1929 and **69:** (158). Jan 1930; accessioned BM 22 Jan 1930
5	401–500	1931	Accessioned BM 15 Jan 1932 and FH 25 Jan 1932; Hedwigia Beibl. **73:** (82). 30 Mar 1933
6	501–600	1936	Accessioned BM 28 Mar 1936

LABELS: Vary; the first two fascicles have the title and collector printed, the number, name, authority, and collecting data handwritten; from Century 3 onward, all printed. 458 *Rhyncostegium murale* var *umbrosum* Kopsch, described in Latin. BMc, FH, NY

REMARKS: Issued in 20 × 30 cm portfolios. The price of fascicles varied from 30 marks to 80 marks.

Kopsch, August.

MOOSE DER INSEL BORNHOLM. Fascicle 1, numbers 1–50. 1916.
M

DATE OF PUBLICATION: Announced in Hedwigia Beibl. **58:** (87). 14 Oct 1916 as in a portfolio at a price of 13 marks 50.

LABELS: Title printed, number, name and authority, collecting data, handwritten. 14 *Schistidium maritimum* (Turn.) Bry. Eur. BM

Leiberg, John Bernhard (1853–1913) [and Elizabeth Gertrude Britton (1858–1934)].

MUSCI LEIBERGIANI. EX HERB. COLUMBIA COLLEGE, N. Y. Numbers 1–230. New York, 1890–?.
M

DATE OF PUBLICATION: The beginning of the set was announced in Bot. Gaz. **15:** 158. 1890. There are 230 numbers at NY. The set was prepared and distributed by Mrs. Britton, although her name does not appear on the labels. The herbarium of Columbia College is now at the New York Botanical Garden.

LABELS: Printed, with title, name, authority, reference, collecting data, collector, number. 20 *Grimmia torquata* Hornsch. [sic]. FH, G, NYc

REFERENCES: There is an obituary and bibliography of Leiberg in Bryologist **18:** 47–48. 1915. During his lifetime he made many collections, chiefly in Idaho but also in other western states, in the Philippines, and some in the East Indies. His phanerogamic herbarium is at the University of Oregon, and his cryptogamic herbarium at US.

Obituaries of Britton are in Jour. New York Bot. Garden **35:** 97–103. 1934, and in Bryologist **38:** 1–3. 1935. Bibliography in Bull. Torrey Club **62:** 1–17. 1935.

REMARKS: Most sets were sent to herbaria, but a few were sold at 5 cents a specimen.

Leiberg specimens without set numbers were also distributed by US, the labels with the printed title: Smithsonian Institution Cryptogamic Collection of John B. Leiberg Presented to the U. S. Nat. Mus. 1914. (726 *Andreaea petrophila*, PC; accessioned at NY in 1916) US also sent to NY 89 bryophytes and lichens of Leiberg in 1910, and to P 949 plants of various kinds in 1922.

Leiberg, John Bernhard (1853–1913) [and Elizabeth Gertrude Britton (1858–1934)].

MOSSES FROM KOOTNAI CO., IDAHO. DISTRIBUTED FROM THE HERBARIUM OF COLUMBIA COLLEGE.

M

DATE OF PUBLICATION: This may be the set advertised on the back cover of Bryologist **3**(1). Jan 1900 by Mrs. Britton at 7 cents a specimen.

REFERENCES: Britton. An enumeration of the mosses collected by Mr. John B. Leiberg in Kootenai [sic] Co., Idaho. Bull. Torrey Club **16:** 106–112. Apr 1889, and **18:** 49–56. Feb 1891. New species of the set are described there, as well as some from other Leiberg collections. There are numbers to 266.

See other references under Leiberg's Musci Leibergiani.

LABELS: Title and collector printed, other data handwritten. 20 *Grimmia torquata* Grev. (with the authority corrected from that given on the same species, with the same set number, in Musci Leibergiani). BM, FH, NY

REMARKS: Leiberg specimens which may or may not be a serially numbered set have printed labels with the title: Western American Mosses: Idaho. The labels are similar to those in the two sets issued by Mrs. Britton, including the somewhat unusual placing of the number at the lower right. 219 *Grimmia Philibertiana* E. G. Britton sp. nov. (FH, NY). Other labels in herbaria have the same printed title but handwritten data, and no serial or collection numbers.

Levier, Emilio (1838–1911).

BRYOTHECA EXOTICA. Series I, numbers 1–100. Firenze, 1907

H, M

DATE OF PUBLICATION: From labels and the typed list which accompanied the specimens; accessioned in 1907 at BM, 1908 at B and NY.

REFERENCES: Reviewed in Bot. Jahresb. **35**(1): 276. 1907 and Rev. Bryol. **35**: 13. 1908. The latter has corrections of the nomenclature of numbers 19, 37, and 68.

There is an obituary of Levier in Bull. Soc. Bot. Ital. Firenze **1911**: 228.

LABELS: Printed, with title, series number and date, number, name, authority, synonymy. New taxa not described. 16 *Barbula flagellifera* "C. M. MS in litt. 1891." BMc, FH, NYc

REMARKS: Levier issued many sets of specimens, some with, some without, serial numbers. Besides collecting himself, he hired collectors, or bought collections, sent the specimens to Brotherus, Müller, or Stephani for naming, then made up sets for sale. See these in Part V.

Lilienfeldówna, Flora (1889–x).

HEPATICAE POLONIAE EXSICCATAE. Fascicles I–II, numbers 1–100. Lwów (Inst. Biol. Bot. Univ. Lwówskiego), 1910–1914.

H

DATES OF PUBLICATION AND INDEX: Dated in Szweykowski, Prodromus florae hepaticarum Poloniae 565, and in Boros, Fontes florae Hungaricae **2**: 49. Schedae of Fascicle 1 were in Kosmos **35**: 732–738. 1910; it was reviewed and rare species listed in Magyar Bot. Lapok **10**: 358. 1911. Schedae of Fascicle 2 were in Spraw. Komisyi Fizyogr. Kraków **48**(2): 51–58. 1914.

LABELS: Printed, without title, with number, name, collecting data in Polish, date of collection, collector. 15 *Pellia Neesiana* Limpricht, collected by Lilienfeldówna in 1910. Other collectors on labels I have seen are Raciborski and Wycieczka. FH

Limpricht, Karl Gustav (1834–1902).

BRYOTHECA SILESIACA. Fascicles I–VII, numbers 1–350. Bunzlau, later Breslau, 1866–1871.

M

DATES OF PUBLICATION: From the bibliography of Limpricht in Hedwigia Beibl. **42**: (1)–(6). 1903.

Fascicle	Numbers	Date	Reviews and Announcements
1	1–50	1866	Hedwigia **5**: 147. Oct 1866; Bot. Zeit. **24**: 363. Nov 1866; Oesterr. Bot. Zeitschr. **16**: 407–408. Dec 1866; Verh. Bot. Ver. Brandenb. **8**: 180–181. 1866
2	51–100	1866	Bot. Zeit. **25**: 24. Jan 1867
3	101–150	1867	Fascicles 3–4: Hedwigia **6**: 154. Oct 1867; Verh. Bot. Ver. Brandenb. **9**: 148–149. 1867
4	151–200	1868	
5	201–250	1868	
6	251–300	1869	Bot. Zeit. **27**: 519. Jul 1869
7	301–350	1871	Hedwigia **10**: 29–30. Feb 1871; 1870 in Archiv Bot. Stockholm **26**: 126. 1934.

INDEX: Accompanied the fascicles. Many species were named in reviews.

Limpricht in Cohn, Kryptogamen-Flora von Schlesien, volume 1, 1876 cites the exsiccata and names some species but not by numbers.

REFERENCE: The obituary in Hedwigia gives a good list of Limpricht's publications and the exact dates of issue of parts of his Laubmoose in Rabenhorst's Kryptogamenflora von Deutschlands, Oesterreichs und der Schweiz, 1885–1903.

LABELS: Printed, with title, number, name, authority, and collecting data. 61 *Grimmia apocarpa* var *rufula*, without author or description. FHc, PC, NY

REMARKS: In 17 × 24 cm portfolios, at 2 thaler per fascicle. Rev. Bryol. **6:** 95. 1879 noted that there were still complete copies for sale at that time, at 30 marks for the set.

Lindberg, Sextus Otto (1885–1889), and Emil Frithiof Lackström.

HEPATICAE SCANDINAVICAE EXSICCATA, QUARUM SPECIMINA EDIDERUNT S. O. LINDBERG ET E. FR. LACKSTRÖM. Fascicle I, numbers 1–25, I–V. Helsingforsiae (Sederholm), 1874.

H

DATE OF PUBLICATION: From title page. Dated 1 Nov 1874 by Lindberg in the copy at H, according to P. Isoviita. Received at BM in 1874 and at K Feb 1875.

INDEX: Schedae accompanied the set. Listed by number in Bot. Notiser **1875:** 21–24, Grevillea **3**(27): 29–30. Mar 1875, and Hedwigia **14:** 116–119. Aug 1875. Reviewed in Bot. Jahresb. **3:** 312. 1875.

REFERENCE: For a biography of Lindberg, see Collander, History of Botany in Finland 1828–1918, p. 35–37, and for bibliography, Saelan, Finlands Botaniska Litteratur, 1916, p. 273–294.

LABELS: Printed, with number at the top of the label, name, authority, synonyms, collecting data. New taxa described in Latin. 17 *Nardia compressa* var *rigida* Lindb. BMc, FHc, PCc

REMARKS: A bound 4° book with leather spine, the specimens in packets on the pages. The 25 numbers include 25 taxa, but there is more than one form of several, and five supplementary specimens (I–V) from Iceland (III *Mastigophora woodsii*).

Lindgren, Sven Johann (1810–1849), Knut Fredrik Thedenius (1814–1894), and Olof Leopold Sillén (1813–1894).

(1) MUSCI SVECIAE EXSICCATI EDIDIT SV. JOH. LINDGREN. Fascicles I–II, numbers 1–50. Upsaliae (Palmblad), 1835.

(2) MUSCI SVECIAE EXSICCATI, QUOS EDIDIT SV. JOH. LINDGREN. Fascicles III–IV, numbers 51–100. Gevaliae (Landin), 1844.

(3) MUSCI SVECIAE EXSICCATI, QUOS COLLEGIT EDIDITQUE CANUT. FR. THEDENIUS. Fascicles V–VI, numbers 101–150. Gevaliae (Landin), 1838.

(4) MUSCI SVECIAE EXSICCATI, QUOS COLLEGIT EDIDITQUE OL. LEOPOLD. SILLÉN. Fascicles VII–VIII, numbers 151–200. Gevaliae (Landin), 1838.

H, M

DATES OF PUBLICATION: From title pages; date of Fascicles 1–2 written on, the rest printed. There are supplementary specimens, indicated on the labels by an asterisk.

LABELS: Printed, with number, name, and authority in Fascicles 1 and 2; subsequently also locality or habitat in Latin. The amount of synonymy and descriptive material varies. 37 *Bryum affine* Brid. 68 *Bryum pallens* f *microstoma*, without author or description, but 138 *Jungermannia Hartmani* Thed. sp nov, has a long Latin description, as have others by Thedenius and Sillén. BM, FHc, PCc

REMARKS: Each two fascicles are bound together in a 15 × 20 cm volume, the specimens in packets on the pages.

See also Sillén's Musci frondosi Scandinaviae.

Lisowski, Stanisław (1924–x), Theophil Wojterski (1922–x), and Jerzy Szweykowski (1925–x).

ZIELNIK MCHÓW POLSKI: BRYOTHECA POLONICA. Series B. Fascicles I–LXXI, numbers 1–1825. Kraków (Instituto Botanico Academiae Scientarum Poloniae), 1954–1966. Lisowsky was the author or first-named co-author through Fascicle 36, except for Fascicles 21 and 26, which were by Wojterski. Subsequent fascicles were by Wojterski alone.

M

DATES OF PUBLICATION: From schedae and Szafran, Flora Polska Mchy **2:** 358–360, 363. 1961. Szafran gives the subtitles which refer to the provenance of the specimens. I have seen only a few of the later schedae.

Fascicles	Numbers	Date
[1]	1–50	1954
[2]	51–100	1956
3–4	101–150	1955
5–14	151–400	1956
15–30	401–800	1957
31–42	801–1100	1958
43–49	1101–1275	1959
. .	. . .	. . .
51	1351–1375	1960
. . .	. . .	. . .
68	1726–1750	1963
. .	. . .	. . .
71	1801–1825	1966

INDEX: Schedae of Fascicles 1 and 2 printed in the series Fragmenta floristica et geobotanica, Kraków and separately. Fascicles 6–34 listed in Rev. Bryol. Lichénol. **26:** 109–111. 1957, **27:** 114–117. 1958, **28:** 267–268. 1959.

LABELS: Printed, with title, number, name, authority, collecting data. 208 *Tortella tortuosa* f *falcata*, described in Polish. BM, FH, K, NY, PC, UPS

REMARKS: In 20 × 28 cm portfolios.

For Series A see Žmuda (see page 275).

Luisier, Alphonse (1872–1957).

BRYOTHECA LUSITANICA, PUBLIÉE PAR A. LUISIER. Series I, numbers 1–25. LISBOA, 1910.

H, M

DATES OF PUBLICATION: Apr 1910 in Brotéria Sér. Bot. **9:** 67–68. 1910. Accessioned 22 Apr 1910 at BM, and 9 Mai 1910 at K.

INDEX: Listed by number in Brotéria Sér. Bot. **9:** 67–68. 1910 and Bot. Jahresb. **38:** 77. 1910.

REFERENCE: There is an obituary, with bibliography and portrait, of the Rév. Père Luisier in Rev. Bryol. Lichénol. **27:** 107–111. 1958. He published many papers on the bryology of Spain, Portugal, and especially Madeira in Brotéria Série Botanica from 1904 to 1931, and was editor of and a contributor to, its successor, Brotéria Série Ciências Naturais from 1932 until his death.

LABELS: Title printed; number in rubber stamp; name, authority, and collecting data handwritten. 5 *Grimmia Schultzii* (Brid.) Hüb. BM, FH, K

REMARKS: The price was 10 marks.

McIvor, William Graham (d. 1876).

HEPATICAE BRITANNICAE, OR, POCKET HERBARIUM OF BRITISH HEPATICAE, NAMED AND ARRANGED ACCORDING TO THE MOST IMPROVED SYSTEM, BY WILLIAM GRAHAM MCIVOR, ROYAL GARDENS, KEW. 136 numbers. New Brentford (Murphy), 1847.

H

DATE OF PUBLICATION: From the title page. Purchased by BM in 1847. Reviewed in Lond. Jour. Bot. **6:** 327–328. 1847, and **7:** 55–56. 1848. The numbers in different copies vary, according to whether the rare specimens were available. Herbarium in 1911 offered a set with 135 numbers, the highest I have seen; BM has 132.

LABELS: Names and authorities only, printed. Numbered by genera and within genera by species, e.g., I *Haplomitrium*, 1 *H. Hookeri* Nees; II *Gymnomitrium*, 1 *G. concinnatum* Card. BMc, FHc

REMARKS: A bound book, 15 × 20 cm, the very small specimens 4 to 9 to a page. Not properly an exsiccata, but compare with Gardner, Musci Britannici. It is interesting for being an early illustration of Nees von Esenbeck's recent system which breaks up the old genus *Jungermannia* into, in this book, 31 smaller genera.

McIvor was on the gardening staff at Kew; in 1848 he was appointed by the East India Company to form and manage a botanical garden in the Neilgherry Hills, where, in 1861, he introduced the Cinchona plant (Jour. Bot. Lond. **5:** 224. 1876).

Macoun, John (1832–1920).

Macoun was one of the most prolific collectors and distributors of plants in North America. He came to Canada from near Belfast, Ireland, in 1850, and

taught in a country school and later at Albert College, Belleville, Ontario. Subsequently he was a member of the Canadian Pacific Railway surveys from 1872, Government Botanist from 1881, and a member and later assistant director of the Geological Survey of Canada from 1882. (For details see Autobiography of John Macoun, 305 p., 1922; Andrews in Bryologist **24:** 39–41. 1921; Ewan, Rocky Mountain Naturalists 257–258.)

His chief publication was the Catalogue of Canadian Plants, 1883–1902, of which Part 6 was Musci and Part 7 was Lichenes and Hepaticae. He usually sent his cryptogams to specialists for identification—the hepatics to Pearson, Underwood, and Evans, the Sphagna to Warnstorf. Some of the Musci were determined by Venturi, Renauld, and Cardot, but the overwhelming majority came into the hands of Nils Conrad Kindberg (1832–1910), who collaborated on some of them with Carl Müller of Halle. Kindberg's well-known philosophy of establishing new taxa on small variations in gametophyte characteristics has considerably reduced the usefulness of Macoun's publications on mosses and his specimens. Furthermore, neither Kindberg nor Macoun seems to have been sufficiently scrupulous in their herbarium practices—Kindberg's type specimens at Stockholm do not always agree with their "duplicates" at Ottawa, and Macoun's distributions were not always of identical collections.

The two most widely distributed sets of specimens prepared by Macoun, both with many new taxa, are Canadian Musci and Canadian Mosses; Canadian Hepaticae was also composed of a specified number of specimens. The other sets listed below, though they may have serial numbers, were probably not composed of a particular number of specimens, or issued at a particular time.

CANADIAN MUSCI. Centuries I–IV, numbers 1–400 (+). Ottawa, 1889 (+).

Date of Publication: The beginning of the set was announced in Bull. Torrey Club **16:** 91–98. Apr 1889, and Century 4 in the same journal **16:** 306–307. Nov 1889. In the latter article it is stated that "Prof. Macoun does not intend to issue another century, but, as good material accumulates, will distribute a dozen species for a dollar." The Catalogue (preface dated 16 Jun 1892) cites exsiccata numbers to 593; K accessioned a number 405 in Mar 1891; NY received numbers 1–500 on 3 Jun 1903. The highest number I have seen cited is 919.

Index: Cited by number in Macoun's Catalogue of Canadian Plants Part 6, 1892. There are many changes in nomenclature and identification from that of the exsiccata; see Bull. Torrey Club **19:** 275–276. 1892.

References: Macoun had stated in his prospectus of the cryptogamic parts of his Catalogue that "I am issuing Centuries of Canadian mosses for the purpose of eliciting criticism, so that when the work is done it may appear as near correct as possible" (Bull. Torrey Club **16:** 91. 1889). Criticism was indeed forthcoming. The reviewer of his Catalogue in Bot. Gaz. **17:** 384–385. 1892 remarked:

> "A comparison of the determinations of the centuries of Canadian Musci, many of which were named by Kindberg, with the names given in this list shows gross carelessness either at one time or at the other. The definitions of the alleged new species, nearly one-fourth of which are sterile, is inexcusably bad. They are so brief, unsystematic, comparative, and in such bad English

that it is doubtful if the plants intended can be identified without re-study of the nearly inaccessible types. For although Mr. Macoun states that 'a duplicate of every specimen sent to Dr. Kindberg has been mounted and placed in the herbarium of this department' these cannot be considered types, however helpful they may be. Altogether we must conclude that what might have been a work of the greatest value to American bryologists has its good distributed through a heap of rubbish which somebody must sort over before the good can be separated from the bad."

LABELS: Printed, with title, number, name, authority, some references, localities, but not specific collecting data. It is highly likely that the same number in different sets is made up of different collections, and that, through errors in packaging, some are not the species as labelled. 46 *Gymnostomum platyphyllum* Kindb.; 593 *Bryum subpurpurascens* Kindb. sp nov. BM, FH, K, NY, PC

CANADIAN MOSSES: COLLECTED BY JOHN MACOUN, DETERMINED BY DR. N. C. KINDBERG. Numbers 1–500. Series A, numbers 1a–200a. Ottawa, 1908.

M

DATE OF PUBLICATION: The herbarium covers containing the two issues at FH are both dated locally 1908. BM accessioned the first set in 1908. NY received 172 specimens on 22 Feb 1908, and others, including some of Series A, on 6 Nov 1908 and 11 Nov 1909.

LABELS: The title, number, name, and authority are printed; the collecting data handwritten. Sets were made up of specimens from different collections. Series A is not made up of supplementary examples of the first set; in the first, number 2 is *Trichodon cylindricus* (H.) Sch., in Series A 2a is *Ditrichum vaginans* (Sull.) Hampe. BM, FHc, G, K, NY, PC

CANADIAN HEPATICAE.

DATE OF PUBLICATION: After 1890, when Pearson's paper was published, and probably after 12 Jun 1902, the date on the preface of part 7 of Macoun's Canadian Plants in which no set numbers are given.

REFERENCES: Macoun, Catalogue of Canadian Plants Part 7, Lichenes and Hepaticae, 1902.

Pearson. List of Canadian Hepaticae (Geological and Natural History Survey of Canada), 1890. Pearson lists taxa from Macoun's and C. F. Austin's collections, and from the literature. It is interesting to notice that Pearson finds only one new species among Macoun's hepatics. Catalogue of the Library of the British Museum (Nat. Hist.) states under the entry on this paper that "A set of type specimens is preserved in the Botanical Department."

LABELS: Printed, with title, number, name, authority, reference to "Pearson's List," habitat, and locality. 1 *Frullania Eboracensis* Gottsch. FH

FLORA CANADENSIS.

The title, locality (Lake Region & Ontario), and collector (Prof. Macoun M.A.) printed. Number at the top of the label, name and authority, date, hand-

written. At NY there are lichens with numbers 2–261, with gaps. 6 *Ramalina fraxinea* Fr.?, collected in 1870. 2247 *Grimmia unicolor* Hook. NY

CANADIAN CRYPTOGAMS. COLLECTED AND PREPARED BY JOHN MACOUN.

The title only is printed. 111 *Lophocolea heterophylla* (Schrad.), collected in 1898. FH

Reference: Bull. Torrey Club **15**: 185. 2 Jul 1888, which says that the first century was issued during the past winter.

CANADIAN MUSCI. EX HERB. GEOL. SURVEY, CANADA.

The title only is printed. 28 *Andreaea petrophila* Ehrh., collected in 1893; 593 *Polytrichum juniperinum* Willd., collected in 1891. FH, PC

CANADIAN LIVERWORTS. COLLECTED BY JOHN MACOUN. DETERMINED (CHIEFLY) BY DR. ALEX. EVANS.

Labels printed. 16 *Pellia Neesiana* (Gottsche) Limpr., collected in 1910. 100 *Porella Roellii* Steph. DBN, FH, NYS

Macoun, James Melville (1862–1920).

EX HERB. GEOLOGICAL SURVEY OF CANADA: INTERNATIONAL BOUNDARY COMMISSION.

Title and collector (J. M. Macoun), name and authority, printed; number handwritten. 54 *Grimmia papillinervis* Kindb. sp nov, without description, collected 18 Jul 1905. FH

James Macoun was the son and associate of John Macoun. They published together Catalogue of Canadian Birds, 1900, 1904.

Mandon, Gilbert (1799–1866).

(1) HÉPATIQUES DE MADÈRE.
(2) MANDON: MOUSSES DE MADÈRE.

Mandon collected in Madeira in the 1860s. His Plantae Maderenses were distributed at intervals from 1868 to as late as 1924. Bryophytes with the above titles were prepared in serially numbered sets by Émile Bescherelle (1826–1903), using the names that had been given the specimens by Gottsche, Montagne, Nees, and Schimper. A large number of these names have not been legitimized, and are cited as nomina nuda in Index muscorum and Index hepaticorum.

These sets will be discussed with Mandon's other collections from Madeira, the Canaries, and Bolivia in Part V.

Massalongo, Caro Benigno (1852–1928).

HEPATICAE ITALIAE VENETAE EXSICCATAE A DOCT. C. MASSALONGO EDITAE. Decades I–XII, numbers 1–120. Patavii, Decades 11–12 at Ferrarae, 1878–1881.

H

DATES OF PUBLICATION: From title pages.

Decades	Numbers	Date	Announcements and Reviews
1–4	1–40	1878	Announced Atti Soc. Crittog. Ital. **1**: 201. 1878 and Brébissonia **1**: 44: 28 Sep 1878; but reviewed Bot. Jahresb. **5**: 272–273. 1877
5–7	41–70	Jul 1878	Reviewed Bot. Jahresb. **6**: 523. 1878
8–10	71–100	1879	
11–12	101–120, 99 bis	1881	Announced Bot. Centralbl. **7**: 28. Jan 1881; reviewed Bot. Jahresb. **9**: 211. 1881; received K Feb 1881

INDEX: Some or all species listed in Bot. Jahresb. reveiws.

LABELS: Printed, with title (abbreviated C. Massal.—Hep. it. ven. exs.), number, name, authority, collecting data in Latin. 21 *Marchantia polymorpha* L. BMc, FH, K

REMARKS: The price was 2 francs per decade.

Mickiewicz, Jadwiga (1931–x).

PLANTAE VARSAVIENSES EXSICCATAE. MUSCI EX SILVA KAMPINOSKI PARK NARODOWY. .CURAVIT JADWIGA MICKIEWICZ. Fascicles I–II, numbers 1–50. Varsavia (Instituto Systematicae et Geographiae Plantarum Universitatis Varsaviensis), 1961–1966.

M

DATE OF PUBLICATION AND INDEX: Dated schedae issued in booklet form, Fascicle 1, 1961, Fascicle 2, 1966.

LABELS: Duplicated typewriting, with title, number, name, authority, collecting data in Polish and Latin. 1 *Ceratodon purpureus* (L.) Brid. PCc, UPS

REMARKS: Issued in packets.

See the lichens of Plantae Varsavienses under Zelińska in Part III, Lichenes, and the hepatics under Sobotka, infra.

PC has a portfolio of unnumbered specimens with labels having the printed title Herbarium universitatis Varsaviensis, Flora Polonica, and typed data. The cover of the portfolio reads Musci Poloniae ad corticem arboreum Fagus silvatica curavit Jadwiga Mickiewicz, Varsavia 1966.

Mikutowicz, Johann Mattias (1872–1951).

BRYOTHECA BALTICA. SAMMLUNG OSTBALTISCHER MOOSE HERAUSGEGEBEN VON JOH. MIKUTOWICZ. Fascicles I–XIV, numbers 1–700 + Nachträge. Riga, 1908–1914.

H, M

DATES OF PUBLICATION AND INDEX: Date of the exsiccata from title pages, of the schedae from colophon. The Nachträge consisted of supplementary examples (a, b, etc.). The schedae were issued as a continuously paged book. There were announcements of the issue of parts in Bot. Jahresb., Herbarium, and Hedwigia.

Fascicle	Numbers	Date	Schedae
1–3	1–150	15(28) Sep 1908	Numbers 1–131, p. 1–32. Jul 1908; preface Mai 1908
4	151–200	15(28) Dec 1908	Numbers 132–269, p. 33–64. Dec 1908
5–6	201–300	15(28) Sep 1909	Numbers 270–393, p. 65–96. Sep. 1909
7–10	301–500 + Nachtrag	1(14) Feb 1911	Numbers 394–500, p. 97–128. Oct 1910
11–14	501–700 + Nachtrag	1(14) Feb 1914	Numbers 501–763, Nachtrag p. 129–224. Sep 1913

LABELS: Printed, with title, number, name, reference, collecting data. 53 *Kantia lacustris* sp nov, described in Latin. BMc, FHc

REMARKS: The prospectus in Hedw. Beibl. **47:** (156). 1908 said that there were to be 30 copies. It was available in two sizes, 40 × 25 cm and 45 × 29 cm (Hedwigia Beibl. **52:** [153]. 1912). The arrangement is systematic.

Mikutowicz was also an editor of Flora exsiccata Bavarica: Bryophyta (see page 200).

Milde, Carl August Julius (1824–1871).

BRYOTHECA SILESIACA. Centuries I–V, numbers 1–500.

M

DATE OF PUBLICATION: After 1869, the date of collection on the label of number 313.

REFERENCES: Listed by Sydow 127, who says there were 5 centuries, but gives the title as Musci frondosi Silesiae. Milde was the author of Bryologia Silesiaca, 410 p., 1869. There is an obituary by Limpricht in Hedwigia **10:** 145–148. 1871, and a list of his papers on hepatics in Szweykowski, Prodromus florae hepaticarum Poloniae 567.

LABELS: Printed, with title, number, name, authority, collecting data in German. 313 *Grimmia Hartmannii* Schpr. NY

Minkevičius, A.

FLORA LITUANA EXSICCATA. BRYOPHYTA. EDIDIT: A. MINKEVIČIUS. Fascicle I, numbers 1–20.

H, M

DATES OF PUBLICATION: Last collecting date Mai 1935; accessioned FH Mar 1938.

REFERENCE: Minkevičius, Beiträge zur Moosflora Lituanens. Scripta Horti Bot. Univ. Vytanti Mabni (Kaunas) **5:** 290–325. 1931; **9:** 69–85. 1935. Non vidi.

LABELS: Printed, with title, number, name, authority, collecting data in Latin. 3 *Dicranum Bergeri* Bland. FHc, NYc

REMARKS: Issued in packets.

MOUSSIER DE SCHWAEGRICHEN . . . FAC-SIMILE DU RECUEIL ET DE LA CORRESPONDENCE INÉDITE DE SCHWAEGRICHEN, CONSERVÉS DANS LE CABINET DE M. CASIMIR ROUMEGUÈRE. Calmet, éditeur. Numbers 1–321. Toulouse, 1873.

M

DATE OF PUBLICATION: Announced and described in Bull. Soc. Bot. France **20:** 45. 1873.

LABELS: Printed in facsimile handwriting on the pages, with number, name, authority, and a sketch of most of the species. 102 *Grimmia apocarpa* Hedw. FH, G, PC

REMARKS: An 8vo volume of loose pages with about 12 minute specimens glued on each page, and a facsimile letter to Boudon de Saint-Amans. The original was a small portative herbarium of specimens and drawings prepared in 1812 by Christian Friedrich Schwaegrichen (1775–1853), the editor of the posthumous works of Hedwig, for Jean Florimond Boudon de Saint-Amans (1748–1831), who was then writing his Flore Agenaise (1821, 1828). Three other copies were made for Mérat, Schleicher, and Nestler. Persoon saw it in Paris and praised it as a "guide de l'amateur de mousses." The bookseller Calmet made up the present "facsimile" from the copy in the herbarium of Roumeguère, keeping the form of the original, but revising the nomenclature to that of Schimper's Synopsis muscorum (1860), adding some numbers and the letter from Schwaegrichen. The provenance of the specimens is not given and they are perhaps not of uniform collections. The price was 25 francs.

Müller, Heinrich Ludwig Hermann (1829–1883).

WESTFALENS LAUBMOOSE, GESAMMELT UND HERAUSGEGEBEN VON DR. H. MÜLLER IN LIPPSTADT. Fascicles I–VII, numbers 1–420. Nachträge 1–2, numbers 421–450. 1864–1867.

M

DATES OF PUBLICATION: From a handwritten list in the copy at FH, except for Fascicle 7 which has a dated printed note.

Fascicle	Numbers	Date	References
1	1–60	Apr 1864	Fascicles 1–2: Bot. Zeit.
2	61–120	Mai 1864	**22:** 256. 12 Aug 1864; Verh. Bot. Ver. Brandenb. **5:** 247. 1863
3	121–180	Sep 1864	Fascicles 3–4: Bot. Zeit.
4	181–240	Sep 1864	**23:** 19. 13 Jan 1865; Verh. Bot. Ver. Brandenb. **6:** 309. 1864; Oesterr. Bot. Zeitschr. **14:** 405–406. Dec 1864; Hedwigia **4:** 15. Jan–Feb 1865
5	241–300	Mar 1865	Bot. Zeit. **23:** 156. 12 Mai 1865; Oesterr. Bot. Zeitschr. **15:** 240. Jul 1865
6	301–360	Aug 1865	Bot. Zeit. **23:** 304. 6 Oct 1865; Oesterr. Bot. Zeitschr. **15:** 334. Oct 1865; Hedwigia **4:** 136. Nov–Dec 1865

Fascicle	Numbers	Date	References
7	361–420	Jun 1866	Verh. Bot. Ver. Brandenb. **7:** 224. 1865 (Mai 1866)
Nachtrag			
1	421–435	n.d.	
2	436–450	n.d.	Bot. Zeit. **25:** 384. 29 Nov 1867; Oesterr. Bot. Zeitschr. **18:** 105. Feb 1868

INDEX: Some numbers listed in reviews. Exsiccata numbers cited by Müller in Verh. Bot. Ver. Brandenb. **6:** 243–300. 1864 and **8:** 36–41. 1866.

LABELS: Printed, with title, number, name, authority, locality, collector. 76 *Eurhynchium Vaucheri* var *fagineum* Mihi, briefly described in German.

FHc, K, NY, PC

REMARKS: In 20 × 24 cm portfolios, the price 2 thaler each fascicle.

FH has a set of 993 moss specimens of Müller said to represent the species in P. G. Lorenz's Verzeichniss der Europäischen Laubmoose, 29 p., 1865. There are also labels with the printed title Flora von Lippstadt—Dr. Müller (76 *Sphagnum fimbriatum* collected in 1860), with handwritten name and data, which seem to be of specimens also issued in Westfalens Laubmoose.

Noguchi, Akira (1907–x), and Sinske Hattori (1915–x).

MUSCI JAPONICI EXSICCATI DET. A. NOGUCHI. Series I–XXII, numbers 1–1100. Obi, Japan (Hattori), 1947–1968.

The title of Series 2 is Musci Japonici edidit S. Hattori (det. A. Noguchi is in the lower left); Series 3 has Edited by A. Noguchi and S. Hattori; from Series 12, Edited by A. Noguchi.

M

DATES OF PUBLICATION: From the cumulative indexes.

Series	Numbers	Date
1	1–50	Oct 1947
2	51–100	Feb 1948
3	101–150	Dec 1949
4	151–200	Dec 1950
5	201–250	Nov 1951
6	251–300	Jun 1952
7	301–350	Apr 1953
8	351–400	Jan 1954
9	401–450	Apr 1955
10	451–500	Apr 1956
11	501–550	Dec 1956
12	551–600	Jun 1957
13	601–650	Jun 1958
14	651–700	Mai 1959
15	701–750	Mai 1959
16	751–800	Aug 1960
17	801–850	Mar 1962

Series	Numbers	Date
18	851–900	Mai 1962
19	901–950	Apr 1964
20	951–1000	Apr 1964
21	1001–1050	1966
22	1051–1100	Oct 1968
23	1101–1150	Oct 1968

INDEX: All the issues were listed on the cover of Jour. Hattori Bot. Lab. soon after issue. Cumulative indexes in the same journal: Series 1–6, **8:** 67–76. 1952; Series 7–12, **19:** 119–132. 1958. Some series are listed in reviews in Rev. Bryol. Lichénol.

REFERENCES: New taxa were published in Jour. Hattori Bot. Lab. from 1947 onwards.

LABELS: Printed, with title, series number and date, editor, number, name, authority, collecting data. 30 *Pseudoleskea Hattorii* Noguchi, not here described.

BM, FH, G, NY

REMARKS: Issued in packets.

Pearson, Hepaticae Britannicae exsiccatae, see Remarks under Carrington and Pearson.

Petrak, Flora Bohemiae et Moraviae exsiccatae: Moose, see page 40, General Cryptogams.

Pilous, Zdeněk (1912–x).

ZD. PILOUS: BRYOTHECA ČECHOSLOVENICA. Fascicles I–III, numbers 1–90.

H, M

DATES OF PUBLICATION:

Fascicle	Numbers	Accessioned FH	Dates of Collection
1	1–30	1 Mar 1937	1934
2	31–60	1 Mar 1938	1937
3	61–90	7 Jul 1939	1938

INDEX: Printed schedae accompanied the fascicles.

LABELS: Printed, with title, number, name, authority, collecting data in Latin. 1 *Encalypta contorta* (Wulf.) Lndb. FHc

Pilous, Zdeněk (1912–x).

ZD. PILOUS: BRYOTHECA ROMANICA. Decades 1–2, numbers 1–20. Bucharest, 1938.

H, M

DATE OF PUBLICATION: From Oesterr. Bot. Zeitschr. **89:** 254. 1940. Accessioned FH 24 Mar 1939.

LABELS: Printed, with title, number, name, authority, distribution, collecting data. 1 *Anomodon viticulosus* (L.) Hook. et Tayl. FHc

REMARKS: In packets.

Pilous, Zdeněk (1912–x).

MUSCI ČECHOSLOVENICI EXSICCATI. Edit. Zdeněk Pilous. Fascicles I–XXVII, numbers 1–1350. Hostinné, 1945–1961.

M

DATES OF PUBLICATION AND INDEX: From accompanying index where dated. End date from letter accompanying the last fascicle.

Fascicle	Numbers	Date	Accessioned
1	1–50	1945	
2	50–100	1946	1–100, Jun 1948, FH
3	101–150	1947	
4	151–200	1947	
5	201–250		100–250, Jul 1948, FH
6	251–300		
7	301–350	1947	
8	351–400	1947	251–400, Aug 1948, FH; 1–400, 27 Apr 1948, NY
9	401–450	1948	
10	451–500	1948	401–500, Feb 1950, FH
11	501–550		
12	551–600	1948	
13	601–650		
14	651–700	1948	
15	701–750	1948	401–750, 5 Jul 1949, NY
16	751–800		(Announced Bryologist **54**: 141. Jun 1951)
17	801–850		
18	851–900		
19	901–950		
20	951–1000		
21	1001–1050		
22	1051–1100		
23	1101–1150		
24	1151–1200		751–1200, 2 Feb 1951, NY
25	1201–1250	25 Dec 1961	
26	1251–1300	25 Dec 1961	
27	1301–1350	25 Dec 1961	1201–1350, 1 Feb 1962, NY

REFERENCE: Pilous and Poelt. Manual of the Bryophytes of Czechoslovakia (in Czech), 569 p., 1960.

LABELS: Mimeographed, with title, number, name, authority, collecting data in Latin.
1 *Barbula revoluta* Brid. FH, G, K, NYc

Pilous, Zdeněk (1912–x).

SPHAGNA ČECHOSLOVENICA EXSICCATA. EDIT. ZDENĚK PILOUS. Fascicles I–VI, numbers 1–300. Hostinné, Tchécoslovaque, 1946–1950.

M

DATES OF PUBLICATION: From indexes, where dated.

Fascicle	Numbers	Date	Accessioned
1	1–50	1946	
2	51–100	1947	1–100, 1948, FH; 27 Apr 1948, NY
3	101–150	1948	1950, FH
4	151–200	1948	101–200, 5 Jul 1949, NY
5	201–250		
6	251–300		201–300, 2 Feb 1951, NY

INDEX: A mimeographed index was included.

LABELS: Mimeographed with title, number, name, authority, collecting data in Latin. 1 *Sphagnum papillosum* Lindb. var *normale* W. fo *majus* Grav. FH, NY

Piper, Charles Vancouver (1869–1926).

MUSCI OCCIDENTALI-AMERICANI. 1902.

M

DATE OF PUBLICATION: From accession list at NY.

LABELS: The title, the locality (State of Washington or Idaho), and the collector printed; number, name, collecting data written in. Dates of collection in the 1890s. 83 *Fontinalis neo-mexicana* Sull. & Lesq. NY

REMARKS: Piper was Professor of Botany and Zoology at Washington Agricultural College (later Washington State College), Pullman, Washington, from 1892 until 1903, and then with the U. S. Department of Agriculture. He was the author of Flora of Washington, 1906. In 1911 he was in the Philippines, and later in the Panama Canal region (Ewan, Rocky Mountain Naturalists 284; Humphrey, Makers of American Botany 200–202).

Piré, Louis Alexandre Henri Joseph (1827–1887).

LES MOUSSES DE LA BELGIQUE. Fascicles I-II, numbers 1–100. Bruxelles, 1870–1871.

M

DATE OF PUBLICATION: I have accepted the statement in Delogne, Flore cryptogamique de la Belgique I: 308. 1883 that a second fascicle was issued. There was also a notice of a second fascicle sent out at the time of the first. However, I find no other reference to a second fascicle, nor have I seen any number above 50.

REFERENCE: There is an obituary of Piré, with bibliography, in Bull. Soc. Bot. Belge **29**: 7–16. 1890.

LABELS: Printed, with title, number, name, habitat. 47 *Hypnum giganteum* Schpr. BM, K

Podpěra, Josef (1878–1954).

BRYOPHYTA EXSICCATA REIPUBLICAE ČECHOSLOVENICAE.

I have seen only a label of this set, at UPS. It is printed, with title, number, name, authority and citation, collecting data in Latin. 63 *Grimmia commutata* Hüb.,

collected by Josef Jedlička in 1947. K. Karczmarz tells me that there are specimens at Lund and Budapest (82 *Calliergon sarmentosum*).

Podpěra was the author of Conspectus muscorum Europaeorum, 697 p., 1954.

Poech, Joseph ["Alois"] (1816–1846).

MUSCI BOHEMICI. Century I, numbers 1–100. Prag, 1846.

M

DATES OF PUBLICATION: Poech was preparing a larger set at the time of his death, of which only this first century was complete. Maiwald (Geschichte der Botanik in Böhmen 144) believed that this century was issued shortly before Poech's death. The obituary of Poech in Flora **29:** 94–95. 1846 said, however, that this century was still to be issued, by Pfund, and that Opiz would distribute the remainder of Poech's mosses in four further centuries. I find no other reference to the later issues.

REFERENCES: Franz Kiel published the manuscript of Poech's Bohemian mosses, which described three new species of this set, in Lotos **1:** 176–181. 1851.

Matouschek described the set in Verh. Zool. Bot. Ges. Wien **50:** 284–285. 1900.

LABELS: Non vidi; said to be all acrocarps. According to Matouschek in Bot. Centralbl. **85:** 54–55, 310–311. 1901, the labels were printed, with number, name and authority. See *Grimmia mammilaris* Poech (= *G. orbicularis* Bruch).

Powell, Thomas (1817–1887).

[MOSSES OF SAMOA.] Numbers 1–140.

M

DATE OF PUBLICATION AND INDEX: Issued about 1867. The set at FH was received by Sullivant (via Gray) from Mitten in Dec 1869. But Mitten in a report to the Linnean Society read 7 Mar 1867 implied that specimens had already been sent out to various herbaria. The report, A list of Musci collected by the Rev. Thomas Powell in the Samoa or Navigator Islands, was published in Jour. Linn. Soc. Lond. **10:** 166–195. 1869. He listed 86 taxa, and described those that were new, under scattered numbers from 1 to 140, these being the numbers, he said, on the specimens. It is unlikely that any set had the full complement, for he said some were merely fragments; the missing 14 numbers may have been too fragmentary to identify. The practice of numbering sets of specimens before identifying them was not uncommon. There are only 49 numbers in the intact set at FH, not counting duplicates; the names on the labels appear to be locally written. The numbers are those of Mitten's paper.

LABELS: Without title; the place, Samoa, with latitude and longitude, and the collector, Rev. T. Powell, are printed. The number, name, and authority are handwritten. Many new taxa, not described on the labels. 3 *Garovaglia Powellii* Mitt. sp nov, on labels from three different herbaria. FH

REMARKS: BM acquired 154 Samoan cryptogams of Powell in 1899.

Prager, Ernst (1866–1913).

SAMMLUNG EUROPÄISCHER HARPIDIUM- UND CALLIERGON-FORMEN. Fascicles I–III, numbers 1–123 (or 135). Berlin, 1910–1914.

M

DATES OF PUBLICATION: Dates in Herbarium 25 and 28, 1912, and 35, 1914, where numbers 1–135 are noted. However, Hedwigia gives only 123 numbers, and there are only 123 at FH.

Fascicle	Numbers	Date	Announced
1	1–50	1910	Hedwigia Beibl. **50:** (191). Nov 1910; Bot. Jahresb. **38:** 78. 1910
2	51–80	1911	Allg. Bot. Zeitschr. **18:** 136. 1912; Magyar Bot. Lapok **11:** 226. 1912. But 1912 in Hedwigia Beibl. **52:** (153). Jul 1912, and Magyar Bot. Lapok **12:** 149. 1913
	(51–100)	(1912)	Herbarium 28, 1912; numbers 1–100 accessioned FH 28 Dec 1912
3	101–123	1914	Hedwigia Beibl. **55:**(70). Mai 1914; accessioned FH Mar 1914

INDEX: Fascicle 1 listed by number in Hedwigia Beibl. and Bot. Jahresb.

LABELS: Facsimile handwriting, with title, number, name, authority, collecting data. 25 *Drep*[*anocladus*] *fluitans* (L.) W. FH

Prager, Ernst (1866–1913).

SPHAGNOTHECA GERMANICA. Fascicles I–IV, numbers 1–200. Berlin, 1909–1912.

M

DATES OF PUBLICATION: From labels.

Fascicle	Numbers	Date	Announced
1	1–50	1909	Hedwigia Beibl. **50:** (88). Jul 1910; Bot. Jahresb. **38:** 77. 1910
2	51–100	1911	Herbarium 23, 1911; Hedwigia Beibl. **52:** (82). Mar 1912
3	101–150	1911	Herbarium 24, 1912; Hedwigia Beibl. **52:** (153). Jul 1912. 1912 in Magyar Bot. Lapok **11:** 226. 1912 (Fascicles 1–3 accessioned BM 15 Mar 1912)
4	151–200	1912	Herbarium 28, 1912; Hedwigia Beibl. **53:** (168). Feb 1913 (Accessioned BM 9 Nov 1912)

INDEX: Fascicle 1 was listed in Bot. Jahresb.

LABELS: Facsimile handwriting, with title, date, number, name, authority, collecting data. 1 *Sphagnum imbricatum* var *sublaeve* W. BMc, FHc, NY

REMARKS: Issued in packets.

Prager, Ernst (1866–1913).

SPHAGNOTHECA SUDETICA. Centuries I–II, numbers 1–146. Berlin, 1909–1911.

M

DATES OF PUBLICATION: From reviews and announcements.

Century	Numbers	Date	
1	1–100	1909	Herbarium 13, 1910; Hedwigia Beibl. **50:** (87). Jul 1910
2	101–146	1911	Herbarium 23, 1911; Hedwigia Beibl. **52:** (82). Mar 1912

INDEX: Century 1 was listed by number in Bot. Jahresb. **38:** 78. 1910.

LABELS: Non vidi. See 1 *Sphagnum cymbifolium* var *virescens* Russow.

REMARKS: The price of the first century was 25 marks, of the second issue, 11 marks 50.

Pritchard

BRITISH MOSSES. Numbers 1–50.

This is a set of 3 × 5½ inch cards at BM with labels and specimens, enclosed in a book-like cover. The labels are printed, with the name in Latin, the number, and the English name. "*Phascum alternifolium*. 1. Alternate-leaved Earth-Moss." The accent marks and the English common name are those of Hooker in Smith's English Flora vol. 5, part 1, 1833.

In the set there is a calling card with the inscription, "Mr Pritchard, Surgeon, Hunmanby." In DNB there is an Edward William Pritchard (1825–1865) who was a medical doctor at Hunmanby, Yorkshire, in 1851. He removed to Glasgow and was hanged in 1865 for the murder of his wife and mother-in-law by poisoning. "He was reputed to be 'the prettiest liar of his time'." There is no mention of botanical interests, though this Pritchard published papers on medical subjects.

See other sets titled British Mosses in Remarks under Wilson, Musci Britannici.

Rabenhorst, Gottlob Ludwig (1806–1881), and Carl Moritz Gottsche (1808–1892).

HEPATICAE EUROPAEAE. DIE LEBERMOOSE EUROPA'S UNTER MITWIRKUNG MEHRER NAMHAFTER BOTANIKER. Decades I–LXVI, numbers 1–660. Dresden, 1855–1879.

Rabenhorst was the author through Decade 22, then Gottsche and Rabenhorst.

H

DATES OF PUBLICATION:

Decades	Numbers	Title Page Date
1–2	1–20	1855
3–4	21–40	1856
5–6	41–60	1856
7–8	61–80	1857
9–10	81–100	1859

Decades	Numbers	Title Page Date
11–12	101–120	1859
13–14	121–140	1861
15–16	141–160	1861
17–18	161–180	1861
19–20	181–200	1862
21–22	201–220	1862
23–24	221–240	1863
25–26	241–260	1863
27–28	261–280	1863
29–30	281–300	1863
31–32–33	301–330	1865
34–35	331–350	1866
36–37	351–370	1866
38–39	371–390	1867
40–41	391–410	1867
42–43–44	411–440	1868
45–46–47	441–470	1869
48–49–50	471–500	1871
51–52	501–520	1871
53–54–55	521–550	1872
56–57	551–570	1873
58–59	571–590	1873
60–61	591–610	1874
62–63–64	611–640	1877
65–66	641–660	1879

INDEX: Fascicles were accompanied by a text, which in later issues had lithographed drawings by Gottsche. A cumulative index to Decades 1–55 was published in 1872.

From 1863 on decades were listed in the reviews in Hedwigia, and from 1861 some species were named in most reviews in Flora, Bot. Zeit., Bot. Jahresb., and Bull. Soc. Bot. France.

REFERENCES: Rabenhorst. Deutschlands Kryptogamenflora, 2 vol., 1844–1848. The revised edition, by Grunow and others, began in 1881. For references to Rabenhorst and his works see Stafleu, Taxonomic Literature 370–371.

Gottsche was the author, with Lindenberg and Nees, of Synopsis hepaticarum, 834 p., 1844–1847. His obituary and bibliography are in Hedwigia **31:** 269–276. 1892.

LABELS: Printed, with title, number, name, authority, collecting data. As with all Rabenhorst sets, there are many descriptions and comments in German or Latin. 507 *Scapania irrigua* var *laxifolia* var nov, described in German.

BMc, FHc, G, K, PCc, STR

REMARKS: Issued in bound booklets, 13 × 20 cm, containing two or three decades. The price was 3 francs per decade.

Rabenhorst also issued exsiccatae, q.v., of Cryptogams, Algae, Lichenes, and Musci.

Rabenhorst, Gottlob Ludwig (1806–1881), and Georg Winter (1848–1887).

(1) BRYOTHECA EUROPAEA. DIE LAUBMOOSE EUROPA'S UNTER MITWIRKUNG MEHRER FREUNDE DER BOTANIK GESAMMELT UND HERAUSGEGEBEN VON DR. L. RABENHORST. Fascicles I–XXVII, numbers 1–1350. Dresden (Heinrich), 1858–1876.

(2) L. RABENHORSTII BRYOTHECA EUROPAEA ET EXTRAEUROPAEA. DIE LAUBMOOSE EUROPA'S (UND ANDERER ERDTHEILE) UNTER MITWIRKUNG MEHRER FREUNDE DER BOTANIK GESAMMELT UND HERAUSGEGEBEN VON DR. G. WINTER. Fascicles XXVIII–XXIX, numbers 1351–1450. Dresden, 1884.

M

DATES OF PUBLICATION:

Fascicle	Numbers	Title Page Date	Preface or index date
1	1–50	1858	Apr 1858 (preface)
2	51–100	1858	
3	101–150	1858	
4	151–200	1859	
5	201–250	1859	
6	251–300	1859	
7	301–350	1861	Feb 1861
8	351–400	1861	Feb 1861
9	401–450	1861	Aug 1861
10	451–500	1862	Jan 1862
11	501–550	1862	Jun 1862
12	551–600	1862	Dec 1862
13	601–650	1863	Mai 1863
14	651–700	1864	
15	701–750	1864	
16	751–800	1864	Nov 1864
17	801–850	1865	
18	851–900	1865	Nov 1865
19	901–950	1867	
20	951–1000	1867	Nov 1867
21	1001–1050	1868	
22	1051–1100	1869	
23	1101–1150	1871	
24	1151–1200	1872	
25	1201–1250	1873	
26	1251–1300	1875	
27	1301–1350	1876	
28	1351–1400	1884	
29	1401–1450	1884	

INDEX: Indexes were supplied with Fascicles 7–13, 16, 18, and 20; there were corrections to earlier fascicles with Fascicle 14. A cumulative index to Fascicles 1–24 was published in 1872.

Fascicles 1–18 were listed by number in Bot. Zeit. in the appropriate years; from Fascicle 14 onward some species were listed in reviews in Hedwigia, and from Fascicle 26 in Bot. Jahresb.

Warnstorf revised the names of Sphagna in Hedwigia **27:** 113–120, 265–267. 1888. There are numerous other comments and reviews.

LABELS: Printed, with title, number, name, authority, synonyms, collecting data, descriptive material. Most new taxa (458 *Barbula pagorum* Milde sp nov) are described in German, but some (841 *Amblystegium serpens* var *cryptarum*) are not. BMc, FH (1–27), G, NY, PC (1–27)

REMARKS: Issued in blue booklets, 20 × 22 cm.

Rehmann, Anton (1840–1917).

HEPATICAE AUSTRO-AFRICANAE, DET. F. STEPHANI. Numbers 1–74.
H

DATE OF PUBLICATION: Received at BM 1890. Numbers from Urban, Geschichte der Königl. Bot. Museum Berlin-Dahlem, 311; there may have been more.

REFERENCES: See under Rehmann's Musci austro-Africani.

LABELS: Similar to Rehmann's Musci austro-africani, first set, 1880. Title printed; number, name, locality, handwritten. 31 *Lepidozia natalensis* Steph. PC

Rehmann, Anton (1840–1917).

(1) DR. A. REHMANN: MUSCI AUSTRO-AFRICANI (1875–77). Numbers 1–424. Krakow, 1878–1879.

(2) DR. A. REHMANN: MUSCI AUSTROAFRICANI CONT. Numbers 425–680. 1886.

M

DATES OF PUBLICATION: Assumed from reviews and announcements. Numbers from Dixon and Gepp, Bull. Misc. Inf. Kew **6:** 193. 1923 and Rev. Bryol. **13:** 32. 1886, but Sim in Bryophyta of South Africa, 1926, stated that there may have been as many as 1200 numbers, some of the later ones duplicates of the earlier, some not. Rehmann collected in Africa in 1875–1877 and sent the Musci to Carl Müller to name (Rev. Bryol. **5:** 14, 68. 1878). By late 1878 most, though not all, had been determined, but the new taxa had not yet been published. Geheeb printed a list of 130 new names of which he apparently had the specimens, and about ten others which he knew only through correspondence with Müller (Rev. Bryol. **5:** 69–72. Sep–Oct 1878). Apparently the specimens of the first set were distributed at intervals soon after; part, at least, of the first set was received at K Mai 1878, and of the second set Jul 1886; Flora **62:** 32. 11 Jan 1879 announced numbers 200–260.

Geheeb stated in Rev. Bryol. **7:** 111. Nov–Dec 1880 that Rehmann had returned from the second journey to Africa and would spend the winter identifying his collections, after which they would be for sale at 40 marks per century, and in Rev. Bryol. **10:** 76. 1883 that the second series would be published that year. I do not find this distribution (of numbers 425–680) announced until 1886, in Rev. Bryol. **13:** 32. Mar–Apr 1886.

INDEX AND REFERENCES: Description, discussion, and annotated index in Dixon and Gepp, Rehmann's South African mosses. Bull. Misc. Inf. Kew **6:** 193–238. 1923. Also by Sim in Trans. Royal Soc. S. Africa **15:** 118–209. 1926 (non vidi).

Many of the new taxa were described by Müller in Hedwigia **38:** 52–155. 1899, and some 112 were cited by their exsiccata numbers (the highest number is 419; the dates of Rehmann's collections 1875 and 1876). Müller described some taxa elsewhere, and a few were described by others, but many have not yet been validly published, though all new taxa on the labels are cited in Paris Index Bryol.

LABELS: Both sets have title, number, name and authority, locality, collector. The first set has a printed title and handwritten data (130 *Grimmia caffra* Rehm. sp nov); the second has labels entirely in lithographed handwriting (472 *Trichostomum erosum* sp nov). There are no descriptions of new taxa. Other collectors are represented in the Continuation, notably MacLea and Wood.

BM, FH, G, L, NY, PC

REMARKS: Dixon and Gepp's annotations are based on a list by T. R. Sim of specimens in South African herbaria; they compared his numbers with those at BM and K. They note that numbers 1–6 and 77–81 are missing from all sets; the arrangement was that of Jaeger and Sauerbeck's Adumbratio muscorum, 1870–1875.

Sim commented: "Rehmann did good work as a collector, but his further work can only be described as careless and unreliable, and practically all of his new names are synonyms. No list of his Exsiccatae appeared until lately and full sets are rarely available" (Bryophyta of South Africa, p. 2).

Rehmann and E. Woloszcak issued Flora Polonica exsiccata, nine centuries, from 1894; it is not listed in Polish bibliographies of bryophytes and probably contained only or mostly phanerogams. It is said to be complete at BM.

Rejment-Growchowska, Irena (1911–x).

HEPATICAE BESKIDI SILESIS EXSICCATAE. ZIELNIK WATROWBOWCÓW BESKIDU ŚLASKIEGO. Numbers 1–25. Varsavia (Institutum Systematicae et Geographiae Plantarum Universitatis Varsaviensis), 1961.

H

DATE OF PUBLICATION AND INDEX: Dated schedae in a 7-page booklet.

LABELS: Duplicated typewriting, with title, number, name, authority, collecting data in Polish and Latin. 1 *Metzgeria furcata* var *ulvula* Nees. PCc, UPSc

Renauld, Ferdinand (1837–1910).

MUSCI MASCARENO-MADAGASCARIENSES EXSICCATI. Fascicles I–V, numbers 1–250. Monaco, 1892–1894 (? 1895).

M

DATE OF PUBLICATION: The first three fascicles, of 50 numbers each, were announced as ready in Rev. Bryol. **19:** 16. Jan–Feb 1892. I cannot date the 4th fascicle, but the fifth was at least prepared by Mar 1895, the date of the preface to Renauld's Prodrome, and the dates of collection in this fascicle are as late as 1894.

REFERENCES: Renauld, Prodrome de la flore bryologique de Madagascar, 1897 (Supplement, 1909). This is a sumptuous work, published by the Prince of Monaco, which was given a prize in 1895 by l'Académie des Sciences. It cites the exsiccata specimens by number and describes some of the new taxa.

Renauld and Cardot, Mousses, vol 39 of Grandidier, Histoire physique . . . de Madagascar. The exact dates of the parts of this volume during 1898–1905, as well as the other volumes, are in Stafleu, Taxonomic Literature 176–177. The first 130 plates were drawn by Renauld. Some new taxa from the exsiccata were described here.

An obituary with bibliography of Renauld is in Rev. Bryol. **37:** 106–114. 1910, partly reprinted in Bryologist **13:** 125–128. 1910.

LABELS: The title and the word Madagascar are printed; number, name, authority, locality, collector, handwritten. 2 *Anoectangium Humbloti* Ren. et Card. sp nov, not here described. FHc

REMARKS: Offered at 15 francs for 50 specimens. Collections are of Renauld and others.

Renauld was a cavalry officer who, after leaving the service for reasons of health, was Commandant of the Palace at Monaco from 1887 to 1892. From there he distributed specimens with the printed title Musée Océanographique de Monaco Herb. F. Renauld (106 *Thamnium flagellare* Ångstr.). He later sent mosses of various collectors to herbaria; NY received 228 specimens in 1907 and 1908.

Renauld, Ferdinand (1837–1910), and Jules Cardot (1860–1934).

MUSCI AMERICAE SEPTENTRIONALIS EXSICCATI. Fascicles I–VIII, numbers 1–400. 1892–1908.

M

DATES OF PUBLICATION:

Fascicles	Numbers	Date	Source of dates
1–3	1–150	1892	Rev. Bryol. **19:** 107. Nov–Dec 1892
4	151–200, 13 bis	1894	Rev. Bryol. **21:** 95. Nov–Dec 1894
5	201–250	1895	"next year" in Rev. Bryol. **21:** 95. 1894; reviewed in Bull. Herb. Boissier **4:** 1–9. 1896
6	251–300	1900	Accessioned NY Nov 1900
7	301–350	1901	Hist. Coll. BM; accessioned FH (Fascicles 1–7) Feb 1902
8	351–400	1908	Accessioned FH 22 Feb 1908, at BM 26 Feb 1908

With the last fascicle, 10 supplemental numbers marked b.

REFERENCES: Fascicle 4 was accompanied by a booklet of 18 p. in facsimile autograph, dated 1894, of comments on the 200 specimens so far issued.

Taxa in Fascicles 1–5 were commented on and corrected by the authors in Bull. Herb. Boissier **4:** 1–9. 1896. They discussed various numbers of this and other sets in Bot. Gaz. **19:** 237–240. 1894, **22:** 48–52. 1896; **30:** 12. 1900.

E. G. Britton discussed various numbers in Bull. Herb. Boissier **4:** 476–478. 1896.

Renauld and Cardot's Musci Americae septentrionalis, 68 p., 1893 (reprinted, with some additions, from Rev. Bryol. **19:** 65–96. 1892 and **20:** 1–32. 1893) does not cite the exsiccata.

LABELS: Title printed; number, name, authority, and collecting data handwritten. New taxa not described; new combinations valid. 1 *Bruchia flexuosa* C. Müll.
BMc, FHc, G, NY, PC

REMARKS: Issued in packets.

There are unnumbered specimens with labels titled in Cardot's facsimile handwriting, Herb. I. Cardot: Mousses de l'Amerique du Nord. *Sphagnum cymbifolium* var *Ludovicianum* Ren. et Card. (FH)

Renauld, Ferdinand (1837–1910), and Jules Cardot (1860–1934).

MUSCI EUROPAEI EXSICCATI. Fascicles I–VII, numbers 1–350. 1902?–1908.
M

DATES OF PUBLICATION:

Fascicle	Numbers	
1	1–50	
2	51–100	
3	101–150	
4	151–200	
5	201–250	Fascicles 1–5 accessioned FH Feb 1902
6	251–300	Received FH 14 Dec 1903; last collecting date 1902
7	301–350	Accessioned BM 26 Feb 1908

LABELS: Title printed; number, name, authority, collecting data handwritten. 256 *Dicranella varia* var *calaminaris* Card. var nov, without description.
BMc, FH(1–6), PC

REMARKS: Issued in packets. I have not seen a seventh fascicle, but it is given in Hist. Coll. BM. The obituary of Renauld in Rev. Bryol. **37:** 114. 1910 notes only 300 numbers in this set.

Roumeguère, Casimir (1828–1892).

BRYOLOGIE DE L'AUDE. Fascicles I–XI, numbers 1–276. Toulouse, 1870.
H, M

DATE OF PUBLICATION: The full set was announced for sale in Bull. Soc. Bot. France **17:** 144. Apr–Aug 1870. In the set at PC, Fascicles 6–10 are dated 1870, the others undated. Each fascicle has 25 numbers, except Fascicle 11, which has 26.

INDEX AND REFERENCES: The labels on the specimens are cut from the pages of Roumeguère's Bryologie du département de l'Aude, separate from an unidentified journal at Carcassonne, p. 371–468, dated 1870 by hand on the copy at PC. This paper, perhaps illustrated by the exsiccata, won a prize of 200 francs from a society of science and the arts at Carcassonne in 1869.

Roumeguère. Catalogue des mousses du département de l'Aude. Bull. Soc. Bot. France **16:** 435–448. 1869. Communication dated Nov 1869, presented at séance of 24 Dec 1869.

LABELS: Printed, with name, authority, synonymy, habitat and locality. New taxa described briefly in French. 250 *Amblystegium serpens* var *sericea* Nob. PCc

REMARKS: The set at PC consists of small 8vo portfolios having on the spine "Mousses de l'Aude," with loose leaves that hold the specimens in packets. The price was 6 francs 50 per fascicle.

Roumeguère was an indefatigable distributor of sets of specimens, his own and others. See his Algues de France, page 98, and his two sets of lichens, pages 159, 160, also Moussier de Schwaegrichen (see page 234). In Revue Mycologique, which he edited from its beginning in 1879 until his death, he frequently offered exsiccatae for sale (for a comment on one such sale see under Steicher, page 100, Algae).

Roze, Ernest (1833–1900), and Émile Bescherelle (1826–1903).

MUSCINÉES DES ENVIRONS DE PARIS. Fascicles I–X, numbers 1–250. Paris (Martinet), 1861–1866.

H, M

DATES OF PUBLICATION: First date on the title page; second date from Bull. Soc. Bot. France **50:** 239. 1903.

Fascicle	Numbers	Date
1	1–25	1861 (Dec 1861)
2	26–50	1861 (Feb 1862)
3	51–75	1861 (Jun 1862)
4	76–100	1861 (Aug 1862)
5	101–125	1863 (Mar 1863)
6	126–150	1863 (Jun 1863)
7	151–175	1863 (Nov 1863)
8	176–200	1863 (Dec 1863)
9	201–225	1864 (Dec 1864)
10	226–250	1866 (Feb 1866)

INDEX: Accompanied the fascicles.

REFERENCES: The fascicles were announced in Bull. Soc. Bot. France as follows: first fascicle, 1861; the 3rd and 4th, **9:** 466. Nov 1862; the last fascicle, **13:** 47. Mar 1866. Bescherelle and Roze published notes on the mosses of the Paris region from 1860 on in this journal.

LABELS: Printed on a card, title and number above the specimen; name, authority, synonymy, locality below. 1 *Jungermannia albicans* Linn. BMc, FHc, G, PCc

REMARKS: Loose leaf portfolios 11 × 18 cm; one specimen to a page. The cost was 5 francs per fascicle.

Saccardo, Pier'Andrea (1845–1920).

MUSCHI TREVIGIANI DISSECTI / BRYOTHECA TARVISINA. Century I, numbers 1–100. Padova, 1864.
(Usually cited as Musci Tarvisini)

M

DATE OF PUBLICATION AND INDEX: Dated in the preface of Saccardo, Musci Tarvisini, 1872 (47-page separate from Atti Soc. Veneto-Trentina Sci. Nat. Padova 1 [1]). All the exsiccata numbers are cited here, as "Saccardo M.T.", under the appropriate taxa.

LABELS: Title, title of references, collector, printed; number, name, authority, year of issue, written. 46 *Cinclidotus aquaticus* B. S. K, V

Sainsbury, George Osborne King (1880–1957), Emily Amy Hodgson, and K. W. Allison.

MUSCI EXSICCATI NOVAE-ZELANDIAE ED. AB SAINSBURY, HODGSON AND ALLISON. Fascicle I, numbers 1–50. Wairoa, New Zealand, 1931.

M

DATE OF PUBLICATION: 1931 in Hedwigia Beibl. **72:** (230). 1932 and **73:** (197). 1933; also in Herbarium 85, 1931 and 86, 1932. Accessioned at FH 22 Jan 1932.

INDEX: Listed without numbers in Annales Bryol. **5:** 165–166. 1932.

REFERENCES: Sainsbury. Handbook of the New Zealand Mosses, 1955.

There is an obituary of Sainsbury with portrait and bibliography in Bryologist **60:** 363–367. 1957, and another (by Mrs. Hodgson) in Rev. Bryol. Lichénol **27:** 104–106. 1958. Sainsbury's herbarium is in the Dominion Museum, Wellington.

LABELS: Printed, with title, number, name, authority, habitat and collecting data in Latin. 1 *Dicranoloma cylindropyxis* (C. M.) Dixon. FHc

REMARKS: Issued in packets, the price in Herbarium was 60 marks.
See Hodgson and Allison, Hepaticae exsiccatae Novae Zelandiae.

Savicz-Lubitzkaja, Lydia Ivanovna (1886–x).

HEPATICAE ET MUSCI URSS EXSICCATI. EDIDIT INSTITUTUM BOTANICUM NOMINE V. L. KOMAROVII, ACADEMIAE SCIENTARUM URSS. CURAVIT L. I. SAVICZ-LUBITZKAJA. Decades I–XIX, numbers 1–190. Leningrad, 1957–1962.

Authors of individual fascicles are cited in the subtitles; they include Z. N. Smirnova, A. L. Abramova, I. I. Abramov, R. N. Schljakov, A. S. Lazarenko, K. O. Vlyczna.

H, M

DATES OF PUBLICATION: From labels.

Decades	Numbers	Date
1–5	1–50	1957
6–12	51–120	1961
13–19	121–190	1962

INDEX: Schedae were issued. Decades 1–5 listed in Rev. Bryol. Lichénol. **27:** 257. 1958 and Decades 6–12 in Rev. Bryol. Lichénol. **31:** 134. 1962.

REFERENCES: Several authors of the exsiccata are also authors of the volumes on Musci in Flora Plantarum Cryptogamarum URSS, 1952 ff.

Abramova and Savicz-Lubitzkaja, Manual of the Leafy Mosses of the USSR (in Russian), 715 p., 1961.

A bibliography of the works of Mme Savicz-Lubitzkaja was published in USSR Acad. Sci. Bot. Zhurn. **41:** 1555–1564. 1964 (non vidi).

LABELS: Printed with title, number, name, authority, references, collecting data in Latin and Russian. 1 *Mylia Taylori* (Hook.) Gray. FH, NY, PC, UPS

REMARKS: Distributed in packets.

Savicz-Lubitzkaja, Lydia Ivanovna (1886–x), and Vsevolod Pavlovich Savicz (1885–x).

M

BRYOTHECA ROSSICA. REGIONIBUS CONFINIBUS COMPLETA. EDIDIT HORTUS BOTANICUS PRINCIPALIS REIP. ROSSIAE. Decades I–IV, numbers 1–40. Leningrad, 1926–1928.

DATES OF PUBLICATION AND INDEX: From labels and schedae, which originally appeared in Bull. Jard. Princz. URSS Leningrad **28:** 78–80, 184–187. 1927; **29:** 100–103, 235–238. 1928. Listed in Rev. Bryol. Lichénol.

Decade	Numbers	Date	Rev. Bryol. Lichénol.
1	1–10	1926	
2	11–20	1927	(Decades 1–2) **1:** 76. 1928
3	21–30	1928	**1:** 171. 1928
4	31–40	1928	**1:** 224. 1928

LABELS: Printed, with title, decade number and date, number, name, authority and references, collecting data and distribution in Russian. 36 *Rhacomitrium microcarpum* f *repens* f nov, described in Latin. FHc

REMARKS: The price quoted in Herbarium 76, 1927 is 15 marks per decade. In announcements in Hedwigia Beibl. **67:** (162). 1927 the author of Decades 1–2 was V. P. Savicz only, but both authors are on all schedae.

Schade, Alvin (1881–x).

SPHAGNA SAXONICA. Decade I, numbers 1–10. Leipzig (Weigel), 1923.

Offered for sale in Herbarium 64, 1923; announced in Oesterr. Bot. Zeitschr. **72:** 375. Sep–Oct 1923. Non vidi.

Schade, Alvin (1881–x), and E. Stolle.

HEPATICAE SAXONICAE. Decades I–XXVII, numbers 1–270. Leipzig (Weigel), 1923–1934.

H

DATES OF PUBLICATION: Year dates from Herbarium. Decades 1–7 were announced in Oesterr. Bot. Zeitschr. as of 1923, but Decade 1 was in **72:** 375. Sep–Oct 1923, and the full seven in **73:** 236. 1924.

Decades	Numbers	Date	Accessioned FH
1–7	1–70	1923	
8–10	71–100	1924	(Numbers 1–100) Mar 1925
11–15	101–150	1925	20 Jan 1926
16–19	151–190	1926	25 Dec 1926
20–21	191–210	1927	20 Jan 1928
22–23	211–230	1929	Mar 1929
24–25	231–250	1930	5 Mai 1930
26–27	251–270	1934	26 Jan 1935; last collecting date Sep 1934

LABELS: Printed, with title, number, name, authority, collecting data. 1 *Ricciocarpus natans* (L.) Corda. FHc

REMARKS: The decades are in purple folders, the specimens in packets.

Schiffner, Victor Felix (1862–1944).

HEPATICAE EUROPEAE EXSICCATAE. Series I–XXIX, numbers 1–1465. Wien, 1901–1943.

H

DATES OF PUBLICATION: From schedae.

Series	Numbers	Date	Accessioned FH	Accessioned BM
1	1–50	1 Mar 1901	15 Jul 1903	
2	51–100	1 Feb 1902	30 Jun 1903	
3	101–150	1 Jan 1904	16 Mar 1904	Ser. 1–3, 18 Feb 1905
4	151–200	1 Mar 1905	24 Aug 1905	15 Aug 1905
5	201–250	1 Dec 1907	2 Jul 1908	16 Jun 1908
6	251–300	1 Feb 1910	17 Sep 1910	6 Sep 1910
7	301–350	1 Apr 1910	21 Sep 1910	6 Sep 1910
8	351–400	1 Jun 1910	21 Sep 1910	6 Sep 1910
9	401–450	1 Dec 1910		12 Sep 1911
10	451–500	1 Feb 1912		
11	501–550	1 Dec 1913		
12	551–600	1 Feb 1914		
13	601–650	1 Mar 1914	Ser. 9–13, 23 Mai 1914	Ser. 10–13, 5 Mai 1914
14	651–700	1 Feb 1919		

(Probably not issued until 1927, noted in Hedwigia Beibl. **67:** [162]. 1927)

Series	Numbers	Date	Accessioned FH	Accessioned BM
15	701–750	1 Jul 1931		
16	751–800	1 Oct 1931		
17	801–850	1 Oct 1931	Ser. 14–17, 23 Jan 1933	Ser. 15–17, 2 Feb 1933
18	851–900	1 Oct 1933	10 Mai 1934	
19	901–950	1 Dec 1934	22 Mai 1935	
20	951–1000	1 Apr 1936	2 Jul 1936	3 Jun 1936
21	1001–1050	1 Apr 1936	Aug 1937	25 Mai 1937
22	1051–1100	1 Dec 1937	21 Mar 1938	
23	1101–1150	1 Dec 1938	20 Feb 1939	1 Feb 1939
24	1151–1200	1 Dec 1939		
25	1201–1250	1 Dec 1940		
26	1251–1300	1 Jan 1941		
27	1301–1350	1 Dec 1941		
28	1351–1400	1 Dec 1942		
29	1401–1450	1 Dec 1943	Ser. 24–29, 26 Oct 1955	

INDEX: Schiffner published schedae and critical remarks in Lotos from 1901 to 1912 and also as separately paged pamphlets. From Series 12, 1914, there is no reference in the pamphlets to journal publication.

REFERENCE: Müller. Bestimmungs- und Nomenclaturberichtigungen zum Schiffnerschen Exsikkatenwerk Hepaticae europeae exsiccatae. Repert. Sp. Nov. **54**(2–3): 207–222. 1951.

LABELS: Printed, with title, number, name, authority, synonymy, collecting data. 402 *Aplozia rivularis* Schiffn. sp nov, not described. BM, FHc, G, NY, PC(2–29)

REMARKS: Loose leaf portfolios, 25 × 33 cm, with a list and the date on the front cover, the specimens in packets on sheets. The price was 20 marks per series.

Schiffner, Musci Brasilienses, see Part V.

Schmidt, Robert.

(1) HEPATICAE SELECTAE GERMANIAE MEDIAE. Fascicles I–II, numbers 1–30. Jena, 1888.

(2) MUSCI SELECTI GERMANIAE MEDIAE. Fascicles I–II, numbers 1–53. Jena, 1888.

Offered for sale in Herbarium **77**, 1927. See also his Lichenes selecti Germaniae mediae in Part II, Lichenes.

Schofield, Wilfred Borden (1927–x).

BRYOPHYTA CANADENSIS DISTRIBUTED BY THE UNIVERSITY OF BRITISH COLUMBIA EDITED BY W. B. SCHOFIELD. Numbers 1–25. Vancouver, 1969.

M

DATE OF PUBLICATION: 7 Feb 1969. Information from the author. Accessioned at FH Mai 1969.

LABELS: Printed, with title, number, name and authority, collecting data. No new taxa. 1 *Rhytidiadelphus loreus* (Hedw.) Warnst. FH

REMARKS: Issued in packets, for exchange. 100 copies were prepared.

The second fascicle, titled Bryophyta Canadensia, will be distributed in 1970, and the set will continue. On the completion of the fascicles of Musci, separate fascicles of Hepaticae will be issued, with numbers consecutive to those of the Musci.

Schrader, August.

MUSCI VENEZUELENSES, DETERM. C. MUELLER. LEGIT. A. FENDLER 1854–5. [Prepared and distributed by A. Schrader.] Numbers 1–154 (or 145). Columbus, Ohio, 1879.

M

DATE OF PUBLICATION: Offered for sale in Flora **62:** 528. 1879. An announcement in Rev. Bryol. **7:** 32. 1880 says that there were 145 numbers, to be had from A. Schrader at Columbus for $14 (also from Max Schrader at Stolp in Pomerania). Herbarium **27**, 1924 offered a set with 154 numbers, and there are 154 in Müller's descriptive index.

REFERENCE: Müller. Linnaea **42:** 461–502. 1878/1879, also published separately, 42 p., 1879. The names of the 96 new species, and the description of the new genus, *Schraderella*, are in Rev. Bryol. **6:** 77–80. 1879.

LABELS: Title, locality, and collector printed; number, name and authority handwritten. 70 *Polytrichum campylocarpum* C. M. FHc, G

There are labels in herbaria with the title Musci Fendleriani Venezuelenses in rubber stamp, with handwritten data. 28 *Zygodon* (*Euzygodon*) *Fendleri* n. sp. K. Müll. (FH). I have not discovered when or by whom they were issued, though this species was described by Müller in Linnaea in 1879; they are probably duplicates of Schrader's set.

REMARKS: Augustus Fendler (1813–1883) was a professional collector employed by Asa Gray and, through Gray, by William Starling Sullivant (1803–1873). Of the collections which formed this set, Sullivant wrote to Gray in 1861:

> Two or three years ago I bought of Fendler (for $100, with which he was highly satisfied) his entire collection of Venezuelan Mosses & Hepaticae—very fine and very extensive—10 or 12 bundles—the Hepaticae I presented to Gottsche. The mosses I have given to my draughtsman Schrader who is now at work on them (and it will be a good years work) putting them up into sets, which after I have named & determined them, he will sell for his own benefit. The Fendler Venezuelan collection will reach about 170 species. The materials will make 30 or 40 sets. (Rodgers, "Noble Fellow" 245)

Although a considerable amount of work was done on the collection, including drawings of the specimens by Schrader to facilitate the determinations, Sullivant had not named the specimens at the time of his death. S. O. Lindberg was then approached, but declined (Rodgers 292–293) and the specimens were eventually named by Carl Müller of Halle (1818–1899). The drawings, and the set of specimens which they accompanied, went to Harvard in Sullivant's herbarium; the drawings were later loaned to Müller for his use (Rev. Bryol. **6:** 78. 1879).

At FH there is what appears to be this working set and its drawings in two volumes; laid in are the labels as issued but without the handwritten names and numbers.

August Schrader was a German immigrant whom Sullivant took into his employ about 1855. From that time on, Sullivant's practice for all his published plates was to make the original drawings himself, have Schrader redraw them in reduced size, then send them to a professional for engraving.

Léo Lesquereux believed that some sets of specimens of the Fendler mosses had been sold by Schrader in Germany before Sullivant's death (Rodgers 292), and before they had been named by Müller.

Schwaegrichen, see under **Moussier de Schwaegrichen.**

Seringe, Nicholas Charles (1776–1858).

MOUSSES HELVÉTIQUES. Decades I–X, numbers 1–100. Berne, 1804–1809.
H, M

DATES OF PUBLICATION: From handwritten, dated indexes to Decades 1–8 at BM, in Seringe's writing. There is none for Decades 9–10, but instead a printed sheet, dated 1809, on which the full 100 numbers are listed, those of Decades 1–8 with some nomenclatural corrections. Hist. Coll. BM lists this as belonging to a second edition of the exsiccata. I have not ascertained whether the labels of Decades 1–8 were revised at that time.

Decade 1 (1–10), Jul 1804; 2 (11–20), Sep 1804; 3 (21–30), Jan 1805; 4 (31–40), Apr 1805; 5 (41–50), Aug 1805; 6 (51–60), Jan 1806; 7–8 (61–80), Nov 1806; 9–10 (81–100), ?1809.

REFERENCE: There is a bibliography of Seringe by Briquet in Bull. Soc. Bot. Suisse **50a:** 436–439. 1940, and in Magnin, Prodrome d'une histoire des botanistes Lyonnais, 1906, p. 89–91 and Suppl. p. 25–26.

LABELS: Printed, except for the number, which is handwritten. Without title, with name, authority, synonyms, short description in Latin, locality in French. 9 *Orthotrichum anomalum* Hedw. For an hepatic in the last fascicle see 100 *Jungermannia complanata* L. BMc, G

REMARKS: The printed list of 1809 described the set as in book form, gr 8vo, the century to sell for 18 Swiss or 27 French francs. In 1968 an intact set, dated 1809, was offered for sale by a bookseller for 1000 French francs.

The same bookseller offered another exsiccata of Seringe, Collection des familles: Algues, Champignons, Hypoxylons, Lichens, 2 fascicles of 50 numbers each, 1809. The price given was 2000 francs.

Sillén, Olof Leopold (1813–1894).

MUSCI FRONDOSI SCANDINAVIAE EXSICCATI, CURANTE O. LEOPOLD SILLÉN. Fascicles I–II, numbers 1–506. Gevaliae (Fascicle 1, Diurna, Fascicle 2, Ahlström et Cederberg), 1875–1884.
M

DATE OF PUBLICATION: Printed announcements indicate that issues appeared later than the title page dates.

Fascicle	Numbers	Title Page Date	Distribution Date
1	1–300	1875	Feb 1879 in Bot. Notiser **1879:** 194
2	301–506	1884	Jan 1886 in Bot. Notiser **1886:** 40; reviewed in Bot. Centralbl. **25:** 349. 1886.

LABELS: Printed on the pages; number, name and authority, sometimes the collector. 1 *Hylocomium splendens* Br. & Sch. 506 *Phascum patens* Schimp. NY, UPSc

REMARKS: Issued in bound books, 22 × 48 cm, with title page and index. Sillén was the author of Fascicles 7–8 of Lindgren, Thedenius, and Sillén, Musci Sveciae exsiccati (see page 226).

Simmons, Herman Georg (1866–1943).

ITER FAEROENSE 1895: MUSCI.

M

LABELS: Title, determiner (Hj. Möller), collector (H. G. Simmons), and place (Faeroa) printed; number, name, authority, handwritten. 88 *Grimmia maritima* Turn.; 719 *Frullania fragilifolia* Tayl. NY

REMARKS: Simmons published on the phanerogams and ferns of the Faero Islands in Bot. Centralbl. and in Bot. Notiser in 1896 and 1897 and on the Algae in Hedwigia **36:** 247–276. 1897. His more famous researches were made in Arctic North America in 1898–1902, but I have seen no distributed specimens. There are labels with printed titles, H. G. Simmons, Hepaticae Scandinaviae (received at PC in 1904), and *Algae Scandinaviae* (received at V in 1904).

Small, John Kunkel (1869–1938).

GEORGIA MOSSES.

M

LABELS: Title, collector, and date of collection (Apr 1893) printed, number and name handwritten. 120 *Poly*[*trichum*] *juniperinum*. FH

REMARKS: I have not seen this referred to in the literature, and it may not have been a set of a specific number of specimens.

Small, John Kunkel (1869–1938).

HEPATICS OF EASTERN NORTH AMERICA DISTRIBUTED BY J. K. SMALL. Numbers 1–25. New York.

H

DATE OF PUBLICATION: This set, with his Lichens of Eastern North America, and his other two sets of bryophytes were offered for sale on the back cover of Bryologist **10**(5). Sep 1907.

LABELS: Printed, with title, number, name, authority, collecting data. 15 *Radula Sullivantii* Aust. FH, NYc

Small, John Kunkel (1869–1938).

MOSSES OF THE HAWAIIAN ISLANDS. [Collected by A. A. Heller]. Numbers 1–20. New York.

M

DATE OF PUBLICATION: I find it mentioned first in the advertisement by Small in Bryologist **10**(5): cover. Sep 1907. Heller's collections were made in 1895, according to Index Herb. **2**(2) and NY purchased 31 mosses of Hawaii in Nov 1904.

LABELS: Non vidi.

REMARKS: Amos Arthur Heller (1867–1944) made many collections, chiefly from North America (see Ewan, Rocky Mountain Naturalists 226). He himself distributed Plants of the Hawaiian Islands, which contained some cryptogams, but had collecting numbers only. See this and other Heller distributions in Part V.

Small, John Kunkel (1869–1938).

MOSSES OF THE SOUTHERN UNITED STATES. DISTRIBUTED FROM THE HERBARIUM OF COLUMBIA COLLEGE BY JOHN K. SMALL. Numbers 1–25, 26–51. New York, 1897. Numbers 52–91.

The subtitle above is on numbers 1–10; on numbers 11–51 the subtitle is, Distributed from the Herbarium of Columbia University; on numbers 52–91 the subtitle is, Distributed by John K. Small.

M

DATES OF PUBLICATION: Numbers 1–51 were announced in Bull. Torrey Club **24**: 314. 29 Jun 1897, Rev. Bryol. **24**: 63. Jul–Aug 1897, and (numbers 1–50) in Hedwigia **36**: 148. Jul–Oct 1897. Received at BM (52 numbers) in 1897. Dates of collection are 1893–1897. Offered for sale on the cover of Bryologist from at least 1902 to 1907.

Numbers 52–91 were collected from 1891 to Nov 1904. So far as I know they were not advertised for sale in Small's lifetime, and they have been very rarely cited. The label of number 51, *Dicranodontium inundatum* Small sp nov, shows that it was printed before 1911 when Williams changed the name to *Austinella Rauei* (Aust.) R. S. W. in Bryologist **14**: 70. 1911. *Dicranodontium inundatum* was listed but not described in the review by Britton in Bull. Torrey Club **24**: 314. 1897.

Only a few sets of numbers 52–91 were distributed by Small. There are specimens at FH in the herbarium of E. B. Chamberlain, who died in 1925, and 52 *Octoblepharum albidum* Hedw., collected in 1904, was cited in Grout's Moss Flora of North America **1**(2):97. 1937, but I find no other references. In 1951 George K. Small offered (Bryologist **54**: 80) what remained of his father's exsiccatae. Of Mosses of the Southern United States there were then 28 sets of numbers 1–25, 34 sets of numbers 26–51, and 85 sets of numbers 51 (sic) to 91. (There were also 34 sets of Hepatics of Eastern North America and 4 sets of Lichens of Eastern North America.) In the complete set of 91 numbers which I received from G. K. Small, the packets are in three envelopes, each having the title portion of the labels of 52–91 pasted on, and each annotated in J. K. Small's handwriting.

In 1969 the New York Botanical Garden received from G. K. Small the residue, which consisted of 58 sets of numbers 52–91 and a few sets of the earlier numbers. These will be distributed in exchange with other institutions, according to Gary Smith, Associate Curator.

REFERENCES: There is a 15-page bibliography of the writings of Small, printed in 1935 for limited distribution, by J. H. Barnhart; a copy is in the library at NY. Although some 400 papers and books are listed, those on mosses were published only from 1892 to 1904. Among these is an edition of a catalogue of the Bryophyta and Pteridophyta of Pennsylvania by his uncle, T. C. Porter.

There are short biographies in Humphrey, Makers of North American Botany, and Pennell in Bartonia **22:** 24. 1942–1943.

LABELS: Printed, with title, number, name, authority, collecting data. New taxa not described. 1 *Hypnum nemorosum* Koch; 91 *Orthotrichum brachytrichum* Schimp. BM, FH, NYc

Sobotka, Dygna (1927–x).

PLANTAE VARSAVIENSES EXSICCATAE: HEPATICAE EX SILVA "KAMPINOSKI PARK NARODOWY." RÓSLING OKOLIC WARSZAWY. Numbers 1–20. Varsavia (Instituto Systematicae et Geographiae Plantarum Universitatis Varsaviensis), 1962.

H

DATE OF PUBLICATION AND INDEX: Dated schedae, issued in a 7-page booklet.

LABELS: Duplicated typewriting with title, number, name, authority, collecting data in Polish and Latin. 1 *Marchantia polymorpha* L.

REMARKS: For other parts of Plantae Varsavienses, see Zelińska in Part III, Lichenes, Rejment, and Mickiewicz in Bryophyta.

Sonnet, Ernest.

COLLECTION DE 100 MOUSSES DE LA FLORE BELGE. Fascicle 1. Bruxelles, 1883.

The reference to this set is in Delogne, Flore cryptogamique de la Belgique **1**(2):308. 1883. The first printing of this book in Ann. Soc. Belge Microsc. had, on p. 200, a misprint of 1873 for this set; it is written over in ink in the separately paged book at FH.

The set may have been unnumbered. Notarisia **1:** 51. 1886 notes a cryptogamic collection of Sonnet, all Algae, and lists 12 species without numbers.

Spruce, Richard (1817–1893).

(1) HEPATICAE PYRENAICAE, QUAS IN PYRENAEIS CENTRALIBUS OCCIDENTALIBUSQUE, NEC NON IN AGRO SYRTICO, A. D. 1845–6. Numbers 1–77. Londini, 1847.

(2) MUSCI PYRENAICI, QUOS IN PYRENAEIS CENTRALIBUS OCCIDENTALIBUSQUE, NEC NON IN AGRO SYRTICO, A. D. 1845–6. DECERPSIT RICH. SPRUCE. Fascis I, numbers 1–160; Fascis II, numbers 161–331. Londini, 1847.

H, M

DATE OF PUBLICATION: On the title pages. Both sets received at BM in 1847.

INDEX: Included with the sets.

REFERENCES: Spruce. Notes on the botany of the Pyrenees. Lond. Jour. Bot. **5:** 134–142, 345–350, 535–548. 1846. Gives his itinerary and names some species.

Spruce. Musci and Hepaticae of the Pyrenees, 1849 (Separate from Trans. Bot. Soc. Edinb. **3:** 103–216. 1849, also in Ann. Mag. Nat. Hist., 1849.)

A. R. Wallace gives a biography of Spruce in his edition of Spruce's Notes of a Botanist on the Amazon and Andes, 2 vols, 1908. There are obituaries in Rev. Bryol. **21:** 46–47. 1894, in Hedwigia **33:** 202–204. 1894 (with short bibliography), in Jour. Royal Hort. Soc. **74:** 531. 1894 (with portrait), and in Trans. Bot. Soc. Edinb. **20:** 99–109. 1896.

LABELS: In both sets, printed, without title, with number, name, authority, references, habitat in Latin, place of collection. New taxa described in Latin. In Hepaticae, 23 *Jungermannia tophacea* sp nov; in Musci, 331 *Encalypta ligulata* sp nov.

G, K, NY, PC

REMARKS: Issued in covers, the specimens on cards attached to gray 4° sheets. The set is said to be rare in Jeanbernat and Renauld, Guide du bryologue dans la chaíne des Pyrénées, 1885.

A set of partly determined lichen specimens is in the Montagne herbarium at PC, the unnumbered labels having the printed title Lichenes Pyrenaici, Collegit R. Spruce, Determinavit Churchill Babington; see species of Collema. (Collections of exotic lichens distributed by Babington are in Part V.) Spruce also distributed sets of 300–400 species of flowering plants of the Pyrenees, according to Wallace.

Spruce's more widely distributed and better documented collections made in South America from 1849 to 1864 were not issued as complete sets, and will be described in Part V. The labels have printed titles and handwritten data. The titles are: Lichenes Amazonici et Andini; Hepaticae Spruceanae: Amazonicae et Andinae; Musci Amazonici et Andini.

Sullivant, William Starling (1803–1873).

MUSCI ALLEGHANIENSES SIVE SPICILLEGIA MUSCORUM ATQUE HEPATICARUM QUOS IN ITINERE A MARYLANDIA USQUE AD GEORGIAM PER TRACTIS MONTIUM A.D. M DCCC XLIII. DECERPSERUNT ASA GRAY ET W. S. SULLIVANT (INTERJECTIS NONNULIS ALIUNDE COLLECTIS). CONCINNAVIT ET EXPOSUIT W. S. SULLIVANT. Fascicle I, numbers 1–134; Fascicle II, numbers 135–292. Columbus, Ohio, 1846 ("1845").

H, M

DATE OF PUBLICATION: 1845 on the title pages. However, from the Sullivant correspondence at FH (and in Rodgers 314–315) it is apparent that the first two copies were sent to Gray on 30 Jan 1846, the next six on 20 Apr, and others a few at a time during the rest of the year. It was reviewed by Gray in Am. Jour. Sci. Arts **51:** 70–81. 1 Jan 1846, but Gray had had knowledge of the set at all its stages, he had been consulted on the form of labels and title page, and had arranged for the printing.

INDEX: A list was included with the sets. Schedae were separately published under the title Musci Alleghanienses sive enumeratio muscorum atque hepaticarum quos

in itinere a Marylandia . There were two versions of the schedae. The rare first version dated 1845 is of 72 pages, in plain beige paper covers, and measures 12 × 19 cm. The copy at the Gray Herbarium library was accessioned on 6 Jan 1846. On 8 Jan, Sullivant wrote to Gray, "As to the getting up of the Enumeratio, I consider it a villainous affair and shall commit them to the flames on their arrival and wish you to do the same with yours." Although 70 or 80 copies were printed, there is no copy among the Sullivant materials at FH, although in Sullivant's copy of the second version there is a list of five names, all Americans, to whom the first version was sent in March 1846.

Sullivant immediately arranged with Gray for a second printing of 100 copies, on better paper, 25 of them to be bound in black cloth with the title on the spine, 75 bound in the same pale blue paper as the title page of the exsiccata. There are 87 pages, the leading between the lines having been enlarged, as well as the margins. It is dated 1856, and "January" is added by hand in Sullivant's copy, but in a letter of 30 Mar 1846 Sullivant says the new Enumeratio came about a week ago, and the names of the recipients of 25 copies sent out 22 Mar 1846 are noted in the back of the book. Pritzel comments: "Huic splendide impressae 292 specierum enumerationi accedit elegantissima speciminum omnium exsiccatorum collectio."

REFERENCES: Rodgers, "Noble Fellow": William Starling Sullivant, 361 p., 1940 (reprinted 1968). Sullivant and Gray collected most of the specimens from Aug to Sep 1843 (Gray in Am. Jour. Sci. Arts **51**: 79. 1846). They met in Maryland and followed the mountains through Virginia and North Carolina and into Tennessee, where they separated, Sullivant returning to Ohio by way of Lexington, Kentucky, Gray going on into Georgia. Later Sullivant added specimens from Ohio and Pennsylvania, and collections made during Mai–Jun 1845 in Louisiana, Alabama, Georgia, South Carolina, and North Carolina (Rodgers 169–171).

LABELS: Printed on pale blue paper, the number and name on the first line, authority and citations below, habitat in Latin. New taxa described in Latin. 44 *Fissidens exiguus* sp nov. BMc, FHc, NYc

REMARKS: Books, bound in brown cloth, 29½ × 37½ cm, an index of four sides and 51 (Fascicle 1) or 50 (Fascicle 2) sheets of specimens. The specimens are on slips, to which the labels are attached. In a few cases the back of the preceding sheet is used for printed material, as in *Notothylas*, where the description of the new genus faces the page with the two new species. (In the FH copy at least there is also on the sheet with the generic description a printed description of another new species, *N. orbicularis*, without a specimen or a number.)

The spine has the spelling Alleghanyenses, which Sullivant preferred over Gray's choice of Alleghanienses which appears on the title page.

There were 54 copies prepared, and the recipients of the first 25 copies are listed in Rodgers 314–315. All copies were given, not sold, although the cost is calculated as $1000 in Sullivant's copy of the Enumeratio, not allowing for the 18 months of work he and his wife had spent on it.

Sullivant was responsible for the labels of several sets of exsiccatae and as they are untitled they are likely to be confused when the specimens have been distributed in herbaria. They may be distinguished as follows:

Sullivant's Musci Alleghanienses is on pale blue paper, the first letter of the genus name a large capital, following letters in small capitals. 106 AULACOMNIUM HETEROSTICHUM. Bryologia Europaea is cited Br. et Sch. Bryol. Europ. fasc. 10, p. 7, t. 2. (The same abbreviation, with appropriate citation, is used for all references to this book.)

Sullivant's Musci Cubenses is on white paper, lettering and arrangement as above. Reference to Bryol. Europ. t. 145, without authors' names (at 27 BARBULA GRACILIS Schwaegr.).

Sullivant and Lesquereux's Musci Boreali-Americani, original edition, is on pale blue paper, lettering as above. 206 AULACOMNIUM HETEROSTICHUM. The citation is Bryol. Europ. Aulac. Monogr. p. 7, t. 1. Editio Secunda is on white paper, the lettering as in Sullivant's other sets. 310 AULACOMNIUM HETEROSTICHUM. Reference to Bryologia Europaea Aulac. Monogr. p. 7, t. 1.

Austin's Musci Appalachiani, numbers 1–450 (the labels of the Supplement are titled), is on pale blue paper, the first letter of the genus name is a capital letter, the rest of the letters in lower case. 220 *Aulacomnium heterostichum.*

Musci Venezuelenses Fendleriana is titled; see it under Schrader.

Sullivant, William Starling (1803–1873).

MUSCI CUBENSES, OR SPECIMENS OF MOSSES COLLECTED IN THE EASTERN PART OF THE ISLAND OF CUBA DURING THE YEARS 1856, 1857, AND 1858, BY CHARLES WRIGHT. NAMED AND DESCRIBED BY WILLIAM S. SULLIVANT. Numbers 1–131. Columbus, Ohio, 1861.

M

DATE OF PUBLICATION: On the title page. The obituary of Sullivant in Jour. Bot. Lond. **11**: 223–224. 1873 gives the date of the exsiccata as 1874, when BM acquired its set; Carl Müller apparently received his in 1865 (Bot. Zeit. **24**: 30. 1866).

INDEX: Sullivant. Musci Cubensis. Proc. Am. Acad. Arts Sci. **5**: 273–290. 1861 (paper presented 14 Aug 1861). FH has Sullivant's copy of the separate of this paper, with a note made by Sullivant in 1868 in which he speaks of a "second" collection of Wright's mosses, from South America, which has just been sorted and the species drawn by A. Schrader. These drawings are also at FH.

Sullivant had already described some of the new taxa in Proc. Am. Acad. Arts Sci. **4**: 275–282. 1859 (paper presented 9 Aug 1859).

REFERENCES: On the set, see Rodgers, "Noble Fellow": William Starling Sullivant 243–244; new taxa of the set are listed by Wareham on p. 311.

Wright's relations with Asa Gray are mentioned frequently in the Letters of Asa Gray. Geiser, Naturalists of the Frontier, describes Wright's American collecting trips, as do Ewan in Rocky Mountain Naturalists and McKelvey in Botanical Exploration of the Trans-Mississippi West.

LABELS: Printed on white paper, without title. (At FH the title Plantae Cubenses Wrightiana is attached; this is the title of Gray's distribution of Wright's phanerogams.) Number, name, authority, citations, habitat, without localities or collector's name. New taxa not described. 4 *Weissia edentula* sp nov, at-

tributed to Sulliv. in Proc. Am. Acad. Aug 1861. For a comparison with Sullivant's other labels, see under his Musci Alleghanienses.

REMARKS: Sullivant received the mosses in 1859. In a letter to Gray, quoted by Rodgers, he said there would be 19 sets, and suggested that they be sold for $13.

Charles Wright (1811–1885) became an assistant to Gray at Harvard in 1848. He collected under Gray's sponsorship in Texas, the north Pacific islands, and Japan, and made several expeditions to Cuba from 1856 to at least 1865. Wright's Cuban hepatics were sent to Gottsche for naming. They were distributed (by Gray?) with unnumbered labels having the printed title Hepaticae Cubenses Wrightianae, with new taxa named but not described (*Lejeunea angusta* var *Cubensis*. FH). The lichens were issued in two sets, the first by Tuckerman, the remainder by J. Müller; see page 169, Lichenes.

Sullivant, William Starling (1803–1873), and Léo Lesquereux (1806–1889).

MUSCI BOREALI-AMERICANI, SIVE SPECIMINA EXSICCATA MUSCORUM IN AMERICAE REBUSPUBLICIS FOEDERATIS DETECTORUM, CONJUNCTIS STUDIIS W. S. SULLIVANT ET L. LESQUEREUX. Numbers 1–355. Columbi Ohioensium, 1857 ("1856").

M

DATE OF PUBLICATION: 1856 on the title page, but the first set was sent on 7 Mar 1857 by Sullivant to Gray for forwarding to W. J. Hooker (Sullivant correspondence at FH). It was reviewed by Gray in Am. Jour. Sci. Arts **73**: 438. Mai 1857. Sullivant had written to T. P. James on 17 Dec 1855 that a few sets had already been distributed in Europe, but these must have been incomplete, since more specimens were being collected in Aug 1856, and the order for printing the labels was not given until 21 Oct 1856.

While this set was being prepared, Sullivant was also writing the section on Bryophyta for the second edition of Gray's Manual of the Botany of the Northern States, p. 607–702, published 1 Sep 1856. He then prepared a reprint of the section, under the title Musci and Hepaticae of the United States East of of the Mississippi River, copies of which were in Sullivant's hands on 21 Oct 1856. The reprint has an additional preface and index and three pages (103–106) of additions and corrections, which include two new species not in the Manual. The old paging is retained, with new paging (1–113) in parentheses. Both versions predate the exsiccata.

INDEX: There is an index included. Seventy-five sets of labels in pamphlet form were printed without resetting the type. The title is Musci Boreali-Americani quorum specimina exsiccata W. S. Sullivant et L. Lesquereux ediderunt, 84 p., 1856.

REFERENCES: Rodgers, "Noble Fellow": William Starling Sullivant, 361 p., 1940 (reprinted 1968). On p. 191 and following there is a biography of Lesquereux up to and including his association with Sullivant.

New taxa of the exsiccata, and of Musci and Hepaticae of the United States, which were later reduced to synonyms are cited in Lesquereux and James, Manual of the Mosses of North America, 447 p., 1884. This book was initiated by Sullivant, taken over by Lesquereux at Sullivant's death, and completed with the assistance of Thomas P. James and Sereno Watson (see details

in the preface). The first five of Sullivant's plates for Gray's Manual are reprinted here.

For exact dates of Gray's Manual and of several of Sullivant's publications see Stafleu, Taxonomic Literature 179 and 460–461, and Rickett in North American Flora Ser. 2, **3**: 43–45, 1963.

Austin in a series of articles in Bull. Torrey Club from 1875 to 1877, after Sullivant's death, revised the identification and nomenclature of many numbers of the set. (For Sullivant's opinion of Austin see under the latter's Musci Appalachiani.)

LABELS: Similar to those of Sullivant's Musci Alleghanienses; for differences see under that set. 3 *Sphagnum cyclophyllum* sp nov, described in Latin.

BM, FHc, G, NY

On the labels, Sullivant was careful to distinguish his own new taxa of the Manual, cited as "Sulliv. mss," from those of his and Lesquereux's in the exsiccata, cited n. sp. (In the Manual they are respectively Sulliv. and Sulliv. & Lesqx.)

REMARKS: Loose sheets in a portfolio 32½ × 45 cm, the specimens and labels on slips. In the most complete copies there are 416 specimens, that is, 355 numbers with additional a, b, etc.), and also duplicates of about half the numbers, put up in packets for examination. Some of the specimens are cited to two localities, a particular set having those from only one, and in the Sullivant correspondence there is an occasional reference to the acquisition of new specimens to fill out numbers.

Sullivant had said (letter to Gray 17 Dec 1855) that there would be about 100 copies, and he had 150 sets of labels and title pages printed, though Lesquereux 20 years later (Rodgers 226) said there were 50 copies.

Sullivant's expenses amounted to some $40 a set, according to Gray's review, but he kept only a few copies for gifts and turned the remainder over to Lesquereux to sell at $20.

The specimens are from the eastern United States, many from Ohio and vicinity, some from the southern states collected by Lesquereux in 1856. Most of the others are New England mosses which Sullivant had acquired by gift or purchase—of the latter many were from the herbarium of William Oakes of Ipswich, Massachusetts, which Sullivant bought about 1846.

Gray called this set "unsurpassed, if not wholly unequalled, by any previous muscological collection ever issued," and Hooker said, "It must rank as the best series of specimens of Mosses, both for Beauty and scientific arrangement, of any that has yet appeared" (Jour. Bot. Kew Misc. **9**: 320. 1857).

EDITIO SECUNDA. Numbers 1–536. 1866 ("1865")

DATE OF PUBLICATION: Apr 1866 in the review by Gray in Am. Jour. Sci. Arts **91**: 417–418. Mai 1866. Received at BM 1866.

INDEX: Schedae were published as Musci Boreali-Americani quorum specimina exsiccata W. S. Sullivant et L. Lesquereux ediderunt, Editio secunda, 96 p., 1865.

There are two copies at FH with numerous manuscript notes and corrections by Sullivant.

New taxa are listed by Wareham in Rodgers 313.

LABELS: As in the first edition, except printed on white paper. 27 *Ephemerum Jamesii* sp nov, described in Latin. BMc, FHc

REMARKS: Besides specimens from eastern North America, some of which are of the same species as in the first edition, the set is notable for the large number of western American mosses, collected by the Pacific Railroad Surveys of 1854 and 1855, by the Geological Survey of California in 1863 and 1864, and by Henry Nicholas Bolander (1831–1879) in California, and by Charles Wright in the south-west.

Gray, in his review, estimated that each set cost Sullivant $100; it sold for $35 a copy, paid to Lesquereux.

Szweykowski, Jerzy (1925–x), and Theophil Wojterski (1922–x).

HEPATICOTHECA POLONICA. Fascicles I–XII, numbers 1–300. Poznań (Academia Scientarum Poloniae), 1953–1963.

H

DATES OF PUBLICATION: From Szweykowski, Prodromus florae hepaticarum Poloniae, 596 p., 1958, and from reviews.

Fascicle	Numbers	Date	Rev. Bryol. Lichénol.
1	1–25	1953 (1952 on labels)	
2	26–50	1954	Fascicles 1–2, **24**: 409. 1955
3	51–75	1954	
4	76–100	1955	**26**: 111. 1957
5	101–125	1955	**27**: 117. 1958
6	126–150	1956	**26**: 111. 1957
7	151–175	1957	**27**: 117. 1958
8	176–200	1958	(Bryologist **63**: 129. 1960)
9	201–225	1959	**34**: 410–411. 1966
10	226–250	1959	**29**: 355. 1960
11	251–275	1962	**34**: 410–411. 1966
12	276–300	1963	**34**: 410–411. 1966

INDEX: Most fascicles were listed in Rev. Bryol. Lichénol.

LABELS: Printed, with title, fascicle number, number, name, authority, collecting data in Polish and Latin. 1 *Riccardia latifrons* Lindberg. FH, UPS

REMARKS: See Lisowski, Bryotheca Polonica, for other fascicles by the same authors.

Thériot, Marie-Hypolite Irénée (1859–1947).

MUSCI NOVAE-CALEDONIAE EXSICCATI. Fascicles I–VIII, numbers 1–209. Havre, 1908–1929.

Title changes at Fascicle 2 to Musci et Hepaticae Novae-Caledoniae Exsiccati.

H, M

DATES OF PUBLICATION: From Herbarium.

Fascicle	Numbers	Date	
1	1–25	1908	Rev. Bryol. **35:** 100. Jul–Aug 1908
2	26–50	1909	1908 in Bot. Jahresb. **37:** 87. 1909; collecting dates to Nov 1908
3	51–75	1909	Rev. Bryol. **37:** 116. Sep–Oct 1910; collecting dates 1908–1909
4	76–100	1910	Rev. Bryol. **37:** 116. Sep–Oct 1910
5	101–125	1910	Fascicles 4–5, Hedwigia Beibl. **51:** (86). Jun 1911; Fascicles 3–5 accessioned FH Feb 1911
6	126–150	1911	Hedwigia Beibl. **52:** (82). Mar 1912 and **53:** (168). Feb 1913; accessioned FH 20 Apr 1912
7	151–175	1913	Hedwigia Beibl. **54:** (125). Nov 1913; accessioned FH 22 Jan 1914
8	176–209	1929	Fascicles 7–8 1929 in Hedwigia Beibl. **71:** (107). 1931; collecting dates to Sep 1915

INDEX: Fascicle 1 listed in Rev. Bryol. **35:** 100. 1908.

REFERENCE: There is an obituary with portrait and bibliography in Rev. Bryol. Lichénol. **17:** 1, 7–14. 1948.

LABELS: In the original issue of labels of Fascicles 1–3 the title only is printed, the rest handwritten. 1 *Bescherellia elegantissima* Dub. From Fascicle 4 the labels are printed, with title, number, name, authority, collecting data. 134 *Fissidens taoensis* Thér., not described. With Fascicle 7 new labels for earlier fascicles were issued with revised nomenclature (76 *Camptothecium tumidum* (Dicks.) Fl. is changed to *C. Bernieri* Broth.) FHc, PC

REMARKS: Issued in packets, at $8 per hundred.

The specimens were collected by Isadore Franc, a schoolmaster at Noumea, according to the labels and to a prospectus in Bryologist **11:** 76. Jul 1908. Franc himself sent specimens, including bryophytes, to B, G, and P from 1906 to at least 1918.

Thiele, Friedrich Leopold.

LAUB-MOOSE DER MITTELMARK IN GETROCKNETEN EXEMPLAREN, MIT VORGEDRUCKTEN KÜRZEN BESCHRIEBUNGEN NEBST ANGABE DES NATÜRLICHEN STANDORTS VON FRIED. LEOPOLD THIELE. Text p. 1–65, specimens numbers 1–170. Berlin (Trowitsch), 1832.

M

DATE OF PUBLICATION: From the title page; preface dated Jul 1832. Announced in Linnaea Lit. Ber. **1832:** 91.

LABELS: The small labels on the specimens are printed, with number, name, and authority; the genus name is in capital letters on the first line, the species in lower case on the second. All taxa are described in the text, but the provenance is not given. 1 *Sphagnum cymbifolium* Ehr. FHc, NY

REMARKS: A bound book, 10 × 16 cm. The text is a manual, of which the specimens are illustrative.

Herbarium called this rare and curious when it offered copies for sale in 1910 and 1913.

Torka, Valentine (1867–?).

BRYOTHECA POSNANIENSES. Fascicles I–II, numbers 1–100. Nakel a. d. Netze, 1914.

M

DATES OF PUBLICATION: From reviews.

Fascicle	Numbers	Date	
1	1–50	1914	Herbarium 35, 1914; reviewed Hedwigia Beibl. **55:** (70)–(71). Mai 1914
2	51–100	1914	Herbarium 37, 1914; announced as of 1914 in Hedwigia Beibl. **56:** (78). Feb 1915 and reviewed **56:** (146). 1915 and **58:** (87). 1917

REFERENCES: Torka in Zeitschr. Naturw. Ver. Posen **22:** 41–44. 1915 (non vidi) and Torka, Zur Moosflora von Grosspolen, 1927 (non vidi).

Specimens cited in Podpěra, Conspectus muscorum Europaeorum, 1954.

LABELS: Non vidi. See 20 *Rhacomitrium canescens* var *arenicola* var nov.

REMARKS: The price of the first fascicle was 13 marks.

Trinius, Carl Bernhard von (1778–1844), and Joseph Liboschitz (1783–1824).

DESCRIPTION DES MOUSSES QUI CROISSENT AUX ENVIRONS DE ST. PÉTERSBOURG ET DE MOSCOU. Fascicle I, specimens 1–15, with text. St. Pétersbourg (Drechsler), 1811.

M

DATE OF PUBLICATION AND INDEX: After Nov 1811 in my Dates of Publications 42, where the species are listed.

LABELS: Printed, with number, name, single-letter abbreviation of authority. 1 *Phascum subulatum* L.

REMARKS: I have seen this rare small volume in the library of the Linnean Society of London.

Tullgren, Hugo Albert (1874–?).

ISLAS CANARIES 1896: MUSCI.

A label at PC has the title, the place (Tenerife) and collector (Albert Tullgren) printed; the number, name, and authority handwritten. 6 *Thamnium alopecurum* BS.

Tullgren published papers on zoology, including one on pseudoscorpions in Ent. Tidskr. **21:** 157–160. 1900 (Cat. Sci. Papers).

Ule, Ernst Heinrich Georg (1854–1915), and Viktor Ferdinand Brotherus (1848–1929).

E. ULE: BRYOTHECA BRASILIENSIS, HERAUSGEGEBEN VON DR. C. H. BROTHERUS IN HELSINGFORS, GESTIMMT VON CARL MÜLLER, C. H. BROTHERUS UND C. WARNSTORF. Centuries I–III, numbers 1–298. Helsingfors, later Berlin, 1891–1905.

Numbers 1–240 were distributed by V. F. Brotherus. With numbers 241–298 the title changes to Bryotheca Brasiliensis, Fortzetzung, herausgegeben von E. Ule in Berlin, bestimmt von Dr. C. H. Brotherus and C. Warnstorf.

H, M

DATES OF PUBLICATION: The centuries were apparently dated, but I have seen no intact copy. The following dates are from reviews and accessions.

Century	Numbers	Date	
1	1–100	1891	Hedwigia Beibl. **30:**(126). Mar–Apr 1891; accessioned BM 20 Apr 1891
2	101–200	1895	Hedwigia Beibl. **34:**(106). Mai–Jun 1895; Rev. Bryol. **22:** 64. Mai–Jun 1895; accessioned BM 17 Apr 1895, K Apr 1895
3	201–240	1899	Hedwigia Beibl. **38:** (57)–(59). Jan–Feb 1899
	241–298	1905	Hedwigia Beibl. **44:** (90)–(91). Jan 1905; accessioned NY 18 Jan 1905

INDEX: Numbers 1–240, were listed in Hedwigia Beibl. **38:** (57)–(59). 1899; numbers 241–298 in the same **44:** (90)–(91). 1905.

REFERENCES: New taxa were described by the authors named in the subtitle in Hedwigia, Oesterr. Bot. Zeitschr., and Bot. Jahresber. at various times.

LABELS: Printed, with title (E. Ule, Bryotheca brasiliensis), number, name, authority, and collecting data. There are many labels in herbaria, probably of partial sets, which are partly handwritten. New species, of which there are many, not here described. 1 *Ephemerum Uleanum* C. Müll. BM, FHc, G, K, NY, PC

REMARKS: Numbers 241–298 are collections of Per Dusén in 1902–1904. Other specimens of Ule have the title, E. Ule: Herbarium Brasiliense. BM acquired 445 cryptogams, including hepatics and mosses, on 29 Apr 1899; G received 1522 plants in 1905 and 361 in 1909–1910; they are also at FH. (220 *Riccia fluitans* L.; 2023 *Fissidens stipitatis* Angstr.) At PC there are also two volumes of partly identified specimens of Ule's with the title Herbarium Goyano, collected in 1892.

Ule was a German who from 1883 to 1903 collected in the southern provinces of Brazil and in the Amazon valley (Pennell in Verdoorn, Plants and Plant Science in Latin America 48).

Underwood, Lucien Marcus (1853–1907), and Orator Fuller Cook (1867–1949).

HEPATICAE AMERICANAE, PREPARED BY L. M. UNDERWOOD AND O. F. COOK. Decades I–XX, numbers 1–200. Syracuse, New York, 1887–1899.

H

DATES OF PUBLICATION: From the obituary of Underwood (with portrait and bibliography) by C. C. Haynes in Bryologist **11**: 41–44. 1908.

Decades	Numbers	Date
1–2	1–20	Nov 1887
3–4	21–40	Nov 1888
5–6	41–60	Nov 1889
7–8	61–80	Mai 1890
9–10	81–100	Mai 1891
11–12	101–120	Dec 1891
13–14	121–140	Mai 1892
15–16	141–160	Mai 1893
17–18	161–180	Apr 1896
19–20	181–200	1899

INDEX: Decades 1–2 were listed without numbers in Bot. Gaz. **12**: 298–299. Dec 1887.

REFERENCE: Underwood wrote the section on Hepaticae in the 6th edition of Gray's Manual of Botany, 1890, p. 702–732.

LABELS: Printed, with title, number, name, authority, place of collection. 62 *Sphaerocarpus Donnellii* Aust. BM, FH, G

REMARKS: Forty sets were issued.

Material left in the Underwood herbarium formed part of Haynes's American Hepaticae, q.v. His bryophyte herbarium of some 3300 specimens came to NY in 1914.

Verdoorn, Frans (1906–x).

BRYOPHYTA ARDUENNAE EXSICCATAE. Decades I–V, numbers 1–50. Utrecht, 1928–1929.

H, M

DATES OF PUBLICATION AND INDEX: From Herbarium and from Rev. Bryol. where the species are listed. Decades 1–2 were received at BM 3 Dec 1927.

Decades	Numbers	Date	Rev. Bryol. n.s.
1–2	1–20	1927	**1**: 77. Jan–Mar 1928
3	21–30	1928	**1**: 224. Oct–Dec 1928
4–5	31–50	1929	**2**: 253. Jul–Dec 1929

LABELS: Printed, with title, number, name and authority, collecting data. New taxa described in Latin. 8 *Fontinalis squamosa* var *tumida* Loeske, var nov. BM, FHc, G, K

Verdoorn, Frans (1906–x).

HEPATICAE SELECTI ET CRITICI, EDIDIT FR. VERDOORN. Series I–XI, numbers 1–550. Utrecht, 1930–1939.

H

DATES OF PUBLICATION AND INDEX: From labels; schedae in Annales Bryol.

Series	Numbers	Date	Annales Bryol.	Accessioned
1	1–50	1930	**4:** 123–139. 1931	23 Dec 1930, BM
2	51–100	1931	**4:** 140–150. 1931	27 Mar 1931, BM
3–4	101–200	1932	**5:** 125–144. 1932	7 Mar 1932, BM; 15 Mar 1932, FH
5–6	201–300	1933	**6:** 95–104. 1933	1 Jan 1933, BM; 23 Jan 1933, FH
7–8	301–400	Jan 1934	**8:** 150–164. 1935	2 Jan 1934, FH
9	401–450	Jan 1936	Fascicles 9–10, **10:** 124–130. 1937	8 Jan 1936, BM; 22 Jan 1936, FH
10	451–500	Jan 1936		21 Jul 1936, BM; 31 Jul 1936, FH
11	501–550	1939		2 Dec 1938, BM; 19 Dec 1938 FH

LABELS: Printed, with title, series and date, reference to Annales Bryol., number, name, authority, collecting data. 9 *Plagiochila conjundens* var *alpinoides* Herzog var nov, not described. BMc, FHc, G, K, NY

REMARKS: Issued in packets.

Verdoorn also issued sets without serial numbers, Frullania Asiaticae and Archegoniatae Malesiacae, which are described in Part V.

Verdoorn, Frans (1906–x).

MUSCI SELECTI ET CRITICI, EDIDIT FR. VERDOORN. Series I–VII, numbers 1–350. Utrecht, 1934–1940.

M

DATES OF PUBLICATION: From Annales Bryol.

Series	Numbers	Date	Annales Bryol.	Accessioned
1	1–50	Mai 1934	(Series 1–2), **8:** 151–164. 1935	31 Mai 1934, BM; 8 Jun 1934, FH
2	51–100	Jan 1935		5 Jan 1935, BM; 12 Jan 1935, FH
3	101–150	Jan 1936	(Series 3–4), **10:** 124–130. 1937	8 Jan 1936, BM; 22 Jan 1936, FH
4	151–200	Jan 1937		21 Jul 1936, BM; 31 Jul 1936, FH
5	201–250	1938		7 Jan 1938, BM; 15 Jan 1938, FH
6	251–300	1939		2 Dec 1938, BM; 19 Dec 1938, FH
7	301–350	1940		30 Oct 1939, BM; 2 Nov 1939, FH

A Series 8 was announced in Annales Bryol. **12**: 164. 1939, but apparently was not issued.

INDEX: In Annales Bryol., and many series listed in Rev. Bryol. Lichénol.

LABELS: Identical with Verdoorn's Hepaticae selectae et critici. 285 *Orthotrichum graphiomitrium* C. M. et Beck BMc, FHc, K, NY

REMARKS: Issued in packets.

Vežda, Antoniń (1920–x).

BRYOPHYTA CARPATORUM EXSICCATA, EDITA AB INSTITUTO BOTANICA UNIVERSITATIS AGRICULTURAE ET SILVICULTURAE, BRNO, CURAVIT ANT. VEŽDA. Decade 1, numbers 1–10. Brno, 1958.
H, M

DATE OF PUBLICATION: Dec 1958, according to Vežda in a personal communication.

INDEX: Printed schedae were issued. Listed in Rev. Bryol. Lichénol. **29**: 157. 1960.

LABELS: Printed, with title, number, name, authority, collecting data in Latin. 1 *Andreaea nivalis* Hook. UPS

REMARKS: Fifty copies were prepared, for exchange. To be continued.

Waghorne, Arthur Charles (?–1900).

The Reverend Arthur C. Waghorne made many collections in Newfoundland and Labrador, mostly in the 1890s. The first mention I find of exsiccatae is in Rev. Bryol. **20**: 80. 1893, where Waghorne says he will have Sphagna to distribute, named by Warnstorf, in a few months, including about 25 species and varieties from Labrador and about 35 from Newfoundland. He has already had plants named by Macoun, Vasey, Bailey, Farlow, Hervey, Bebb, Underwood, and Eckfeldt, and would be glad to hear from other botanists who would identify his cryptogams. His specimens were usually distributed with labels on which the title is printed, the number, name, authority, and collecting data are handwritten. However, there are some with the name printed, although the collecting data are written, and some with the printed title but with no numbers. BM acquired Waghorne specimens in 1893 and 1894 and NY in 1900. NY has 101 specimens of *Sphagnum* in a special folder acquired with the A. T. Beals herbarium. I have noted the following titles on labels.

NEWFOUNDLAND SPHAGNA COLLECTED BY REV. A. C. WAGHORNE, NEWFOUNDLAND. NAMED BY DR. WARNSTORF, GERMANY.
25 *Sph. cymbifolium* Ehrh. var *canescens* W. (FH)

NEWFOUNDLAND MOSSES, COLLECTED BY THE REV'D ARTHUR C. WAGHORNE, NEWFOUNDLAND, NAMED BY PROF. MACOUN, OTTAWA.
489 *Grimmia maritima* Turn. (BM)

NEWFOUNDLAND MOSSES COLLECTED BY THE REV'D ARTHUR C. WAGHORNE, NEWFOUNDLAND, NAMED BY DR. D. C. EATON, NEW HAVEN, U.S.A.

NEWFOUNDLAND MOSSES COLLECTED BY THE REV'D ARTHUR C. WAGHORNE, NEWFOUNDLAND, NAMED BY . . . .

NEWFOUNDLAND HEPATICS

REFERENCE: Underwood in Bull. Torrey Club **19:** 269–270. 1892. A list of 31 species of which number 1 is *Blepharostoma trichophyllum* (L.) Dumort.

NEWFOUNDLAND LICHENS COLLECTED BY REV. A. C. WAGHORNE, NAMED BY DR. J. W. ECKFELDT, PHILADELPHIA.

115 *Usnea barbata* var *hirta* Fr. (BM, G)

LABRADOR MOSSES COLLECTED BY THE REV'D ARTHUR C. WAGHORNE, NEW HARBOR. NAMED BY

21 *Grimmia maritima* Turn., "named by Prof. Kindberg, Sweden." (BM, NY)

LABRADOR MOSSES, COLLECTED BY THE REV'D ARTHUR WAGHORNE, NAMED BY DR. WARNSTORF, GERMANY.

11 *Sphagnum Girgensohnii* Russ. (DBN, NY)

Warnstorf, Carl Friedrich (1837–1921).

MÄRKISCHE LAUBMOOSE IN GETROCKNETEN EXEMPLARE. Fascicles I–XI, numbers 1–275. Neuruppin, 1872–1875.

M

DATES OF PUBLICATION: From announcements.

Fasc.	Numbers	Date	Verh. Bot. Ver. Brandenb.	Other Notices
1–2	1–50	Before Mai 1872	**13:** 166–168. 1871 (Communication dated Mai 1872)	
3	51–75	Before Sep 1872		Bot. Zeit. **30:** 659. 6 Sep 1872
4–6	76–150	Before Mai 1873	**14:** 153–154. 1872 (Communication dated 1 Mai 1873)	
7–8	151–200	Jan 1874	**15:** 133–134. 1873 (communication 3 Dec 1873)	
9–10	201–250	Before Jun 1874	**16:** xi–xii. 1874 (communication Jun 1874)	
11	250–275	Before Mai 1875	**17:** 86. 1875 (Communication Mai 1875)	Rev. Bryol. **2:** 104. Apr–Jun 1875; Bull. Soc. Bot. France **22:** 109. 20 Aug 1875

INDEX: Listed by number in issues of Verh. Bot. Ver. Brandenb.

REFERENCE: Cited in Warnstorf's Kryptogamenflora Mark Brandenburg II Laubmoose, of which the dates are: pages 1–240, 1 Jul 1904; 241–432, 18 Oct 1904; 433–672, 12 Apr 1905; 673–832, 9 Oct 1905; 833–1160, 18 Apr 1906.

LABELS: Printed, with title, number, name, authority, description in German. 55 *Neckera pumila* Hedw. FH

REMARKS: The price of the whole set was 33 marks in portfolio, 27 marks 50 without portfolio. There were other collectors represented, among them H. Ruthe.

Besides this set, and the two exsiccatae of *Sphagnum*, Warnstorf issued two frequently cited but not serially numbered sets: Deutsche Laubmoose and Deutsche Lebermoose. They are described in Part V

Warnstorf, Carl Friedrich (1837–1921).

SAMMLUNG EUROPÄISCHEN TORFMOOSE. Series I–IV, numbers 1–401. Neuruppin, 1888–1894.

M

DATES OF PUBLICATION: Year date from labels. In parentheses, date of receipt by Dusén at Lund (information from P. Isoviita).

Series	Numbers	Date	Reviews
1	1–100	1888 (13 Mai 1888)	Rev. Bryol. **15:** 61. Jul–Aug 1888; Bot. Centralbl. **34:** 151–152. 1888
2	101–200	1890 (1 Mar 1890)	Rev. Bryol. **17:** 36. Mar–Apr 1890; Bot. Centralbl. **41:** 287. 1890
3	201–300	1892 (19 Mai 1892)	Rev. Bryol. **20:** 61. Mai–Jun 1893; Hedwigia **31:** 266. Sep–Oct 1892; Bot. Centralbl. **51:** 329–330. 1892
4	301–400	1894 (6 Jun 1894)	Rev. Bryol. **22:** 30. Mar–Apr 1893; Bot. Centralbl. **59:** 77. 1894; Hedwigia Beibl. **33:** (111)–(112). Jul–Aug 1894

INDEX: Listed in the reviews.

REFERENCES: See under Warnstorf's Sphagnotheca Europaea.

LABELS: Facsimile handwriting, with title, series number and date, subtitle, number, name, authority and citation, collecting data. New taxa described in German. 81 *Sphagnum teres* var *imbricatum* var nov. BM, FHc, PC, UPS

Warnstorf, Carl Friedrich (1837–1921).

SPHAGNOTHECA EUROPAEA. Fascicles I–IV, numbers 1–200. Neuruppin, 1881–1884.

M

DATE OF PUBLICATION: Written on the title page at UPS by K. F. Dusén.

Fascicle	Numbers	Date
1	1–50	Oct 1881
2	51–100	Mar 1882
3	101–150	Jan 1883
4	151–200	Jan 1884

INDEX: Fascicles 1–3 listed in Bot. Centralbl. **8:** 59–60. 1881, **9:** 444. 1882, **13:** 251. 1883.

REFERENCES: The exsiccata was issued to illustrate Warnstorf's Die Europäischen Torfmoose, 152 p., 1881 (reviewed in Rev. Bryol. **8:** 85–87. Sep–Oct 1881). The numbers are cited in his Kryptogamenflora der Mark Brandenburg I, 1903 (published 25 Mar 1903), and in the *Sphagnum* section of Engler's Pflanzenreich, 1911 (reprinted 1958).

There is an obituary of Warnstorf in Hedwigia **63:** 1–6. 1921.

Andrews published a series of articles on the specimens of the Warnstorf *Sphagnum* herbarium, before its destruction in World War II, as follows: Annales Bryol. **9:** 3–12. 1936; Bryologist **44:** 97–102, 155–159. 1941; Bryologist **50:** 181–186. 1947; Bryologist **52:** 124–130. 1949; Bryologist **54:** 83–91. 1951.

A description and history of the herbarium, its destruction, and the present location of type specimens is given by Schultz-Motel in Willdenowia **3:** 289–313. 1962. Earlier reports on the fate of the herbarium were published by Dalby and by Boros in Trans. Brit. Bryol. Soc. **3:** 449. 1958 and **3:** 610. 1959.

LABELS: Facsimile handwriting with title, subtitle, number, name, authority, some references to the book, collecting data. 1 *Sphagnum acutifolium* var *fuscum* Schpr. G, NY

Wehrhahn, R.

BRYOPHYTA EXSICCATA HANNOVERANA. Fascicles I–III, numbers 1–150. Hannover, 1908–1909.

H, M

DATES OF PUBLICATION: Dated in Herbarium. Fascicles 1–2 were received on 16 Jan 1909 at BM and on 11 Jan 1909 at FH; Fascicle 3 was received at BM on 2 Feb 1909 and at FH on 11 March 1909. Bot. Jaresb. **36:** 69. 1908 stated that the first fascicle contains Sphagnales, Anthocerotales, and Marchantiales.

Fascicle	Numbers	Date	Herbarium
1	1–49	1908	3, 1908
2	50–101	1908	4, 1908
3	102–150	1909	6, 1909

LABELS: Title printed, fascicle number, specimen number, name, authority, collecting data handwritten. 50 *Gymnostomum concinnatum* Corda. BMc, FHc

REMARKS: Specimens on folders in 15 × 20 cm portfolios.

Wilson, Musci Americani, see under Drummond.

Wilson, William (1799–1871).

MUSCI BRITANNICI. Numbers 1–443. Warrington, 1855.

M

DATE OF PUBLICATION: "About 400 specimens" offered for sale at 40 shillings for 100 in Wilson's Bryologia Britannica, 1885, p. x. 1855 written on the label at G of number 154 (*Grimmia trichophylla* Grev.). I take the total numbers from the set at FH which A. Gepp of the British Museum prepared for W. G. Farlow in 1899, which he called the second set of distributed duplicates. Gepp mentioned in the letter which accompanied the set that numbers 272 to 315

were missing, as they also are in the set at BM, but did not say that any late number was missing. There are 444 species in Wilson's book according to the preface, but many more names if varieties are counted. Herbarium in 1911 offered a set of 444 specimens of Wilson's under the title British Mosses.

REFERENCES: The names, and the sequence of specimens, though not the serial numbers, are those of Wilson's Bryologia Britannica, 445 p., 1855 (reviewed by Hooker in Jour. Bot. Kew Misc. **7**: 155–159. Mai 1855).

BM has 12 volumes of correspondence of Wilson with other botanists; there are also letters at K, at the Royal Society, at Oxford, and in the museum at Warrington. For information from those at Warrington, and from some others, see Cash, The late Mr. William Wilson: reminiscences of his botanical work, 22 p., Warrington, 1886 (copy at BM). There are obituaries in Jour. Bot. Lond. **9**: 159–160. 1871, in Trans. Edinb. Bot. Soc. **11**: 170–174. 1873, and in DNB.

LABELS: Printed, with name and authority on the first line, abbreviated title and number on the second. 1 *Andreaea alpina* Dill. Linn.; 150 *Grimmia pulvinata* var *obtusa*. BMc, DBN, FHc, G, K, NY

REMARKS: There is no evidence that the specimens in each set were of the same collection. Some of the specimens which make up the set at FH are clearly from material found in Wilson's herbarium but not prepared for distribution, and some have handwritten labels. The missing numbers are of species in *Miclichhoferia* to *Anoectangium*.

Wilson also issued mosses with printed labels but without title or serial number, with the name, habitat, and locality only, mostly collected in the north of England (*Neckera crispa*. On limestone rocks in woods, Richmond, Yorkshire. BM). FH also has two volumes of mosses with handwritten names and a note by Wilson in the front, "British Mosses hastily named by W. Wilson, Manchester Road, Warrington, near Liverpool." This is probably the set of specimens from the W. J. Hooker herbarium which Hooker asked Wilson to prepare for Thomas P. James on 29 Nov 1850 (Letters from W. J. Hooker at K). There are no doubt other collections of specimens issued by Wilson or from his herbarium. In 1911 Herbarium offered a group of 1600 specimens said to be his.

The publication of Wilson's book encouraged others to try to make complete sets of the mosses of Britain, with such titles as "British Mosses accurately named after Wilson's Bryologia Britannica." Most of these have handwritten labels and were not intended for distribution. There exist, however, printed lists of names prepared for persons wishing to make herbaria (for the description of such a list for phanerogams see Lond. Jour. Bot. **7**: 105–106. 1848). There is one such list, titled Labels for British Mosses, used in preparing an album at BM, and at FH there are two other lists, printed from the same type as the one at BM, though the nomenclature of none of the three is exactly the same. One of the FH lists is titled A Classified List of British Mosses, compiled by Geo. Dixon, Great Ayton, near Stokesly, Yorkshire, from Wilson's Bryologia Britannica.

Edward Hobson issued a set titled Musci Britannici, with 174 specimens, in 1818 and 1822. They are cited in the second edition of Hooker and Taylor's Muscologia Britannica (1827), but have no serial numbers. I have described another set, titled British Mosses, on p. 241 under the name of Pritchard. Neither of these has any relation to Wilson.

Wilson named and distributed Drummond's Musci Americani Southern States (see page 194) and named the mosses of J. D. Hooker's Antarctic expedition (see in Part V).

Wojterski, Hepatotheca Polonica, see under Szweykowski; **Bryotheca Polonica**, see under Lisowsky.

Wright, Musci Cubenses, see under Sullivant.

Zenker, Jonathan Karl (1799–1837), and David Nathaniel Friedrich Dietrich (1799–1888).

MUSCI THURINGICI VIVIS EXEMPLARIBUS EXHIBUERUNT ET ILLUSTRAVERUNT JONATHAN CAROLUS ZENKER ET FRIDERICUS DAVID DIETRICH. Fascicles I–III, numbers 1–75, text 23 p. Jenae (Schmid), 1821–1823.

H, M

DATES OF PUBLICATION: Year dates from title pages; month dates from Margadant, Early Bryological Literature 238.

Fascicle	Numbers	Text	Date
1	1–25	1–8	1821 (After Aug, before 15 Nov)
2	26–50	1–7	1822 (After Jun, before 20 Dec)
3	51–75	1–8	1823 (Before 15 Jul)

Margadant points out that a Fascicle 4 was announced for 1825, but he has not seen it, nor have I.

INDEX: Schedae included. Lists of Fascicle 1 in Isis (Oken) **10**(2): 211–212. Feb 1822; Fascicle 2 in **10**(6): 663–665. Jun 1822; Fascicle 3 in **14**(3): 338–339. Mar 1824.

REFERENCE: Biographical information on Zenker, and descriptive bibliography of the set in Margadant 237–238; on Dietrich, Margadant 93.

LABELS: The specimens have printed labels with number, name, and authority only. The text at the front of each fascicle has Latin descriptions and notes on habitat. 18 [and p. 6] *Sphagnum praemosum* Nob., sp nov. FHc, K, PCc, NY

REMARKS: The fascicles are 12 × 20 cm books with pink paper binding, the three in a slip-case. All are handsomely printed, with title page illustrations of mosses.

Zetterstedt, Johan Emmanuel (1828–1880).

GRIMMIAE ET ANDREAEAE EXSICCATAE. Numbers 1–50 (86 specimens). Upsaliae, 1861.

M

DATE OF PUBLICATION: From Krok **1861**: 7, and Arkiv Bot. Stockholm **26**: 133. 1934. Received at PC 1862, according to notes on the labels.

INDEX: A list by number appeared as a supplement to Zetterstedt's Revisio Grimmiarum Scandinaviae, 126 + 6 p., 1861.

LABELS: Printed, with number, name, authority and citation, collecting data. New formae are cited to the Revisio by page number. 2a, 2b *Grimmia apocarpa* Hedw. G, K, PCc

REMARKS: The specimens are in packets on loose sheets in a 4° portfolio.

Zetterstedt issued other sets of specimens, so far as I have seen without set numbers, including Hepaticae Scandinaviae, Musci Pyrenaici (1869), and Hepaticae Pyrenaicae. In 1870 he asked for subscribers for a collecting trip to Dovre, Norway, during which he expected to collect 60 sets of 50 phanerogams, 50 mosses, and 25 lichens; the subscription was to be 25 francs (Bull. Soc. Bot. France **17**: 47. 1870). Portions of his private herbarium were still being offered for sale in 1885 and 1886 (at NY, the title is Musei ab J. E. Zetterstedt relicti; 228 *Bryum Muhlenbeckii*).

Žmuda, Antoni Jozef (1889–1916), and Tadeus Wiśniewski (1905–x).

BRYOTHECA POLONICA. Series A. Fascicles I–V, numbers 1–250. Fascicles 1–2 at Lwów, 3–5 at Kraków, 1911–1929.

Žmuda was the author of Fascicles 1–4, Wiśniewski of Fascicle 5.
Fascicles 1–4, Wiśniewski of Fascicle 5.

M

DATES OF PUBLICATION AND INDEX: From schedae, published separately and in Kosmos and (non vidi) Spraw. Komisji Fizjogr. Kraków.

Fascicle	Numbers	Date	Kosmos	Spraw. Komisji Fizjogr.
1	1–50	1911	**36**: 15–22. 1911	
2	51–100	1912	**37**: 118–125. 1912	
3	101–150	1912	**37**: 662–670. 1912	
4	151–200	1916		**50**: 171–176. 1916
5	201–250	1929		**64**: 199–219. 1930 [1930 in Kuc, Acta Soc. Bot. Polon. **25**: 673. 1956]

REFERENCE: Cited by number in Podpěra, Conspectus muscorum Europaeorum, 1954, where both the exsiccata and the schedae are cited for new taxa. Fascicle 3 reviewed in Magyar Bot. Lapok **15**: 112–113. 1916.

LABELS: Printed, Fascicles 1–2 without title, the rest with title in rubber stamp at PC, but not in the Fleischer herbarium at FH; number, name, authority, collecting data and remarks in Polish. 82 *Brachythecium albicans* var *macrophylla* var nov, described in Latin. BMc, FH(1–4), PC

REMARKS: In portfolios, the first two fascicles 23 × 25 cm, later fascicles larger. Fascicle 1 cost 15 marks (Herbarium 21, 1911).

For Series B see under Lisowski.

Zwanziger, Gustav Adolf (1839–1893).

G. A. ZWANZIGER, MOOSE DER ÖSTERREICHISCHEN ALPENLÄNDER. Decades I–II, numbers 1–20. Klagenfurt, 1863.

M

DATE OF PUBLICATION: May 1863 in Bot. Zeit. **22:** 255. 12 Aug 1864, where some species are listed.

LABELS: Printed, with title, decade number, number, name, authority, habitat and locality in German. 3 *Fissidens rufulus* Br. et Sch. FH